



No. 48

29 NOVEMBER 2008



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Geospatial-Intelligence Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

## Contents

### Section I

Chart Corrections .....	I-1.1
Chartlets / Depth Tabulations / Notes .....	I-2.1
Charts Affected by Notice to Mariners .....	I-3.1

### Section II

NGA/DLIS Catalog Corrections .....	II-1.1
Navigation Publications Corrections .....	II-2.1
USCG Light List Corrections / Radiobeacon Corrections .....	II-3.1
NGA List of Lights / Radiobeacon / DGPS Corrections .....	II-4.1
Publications Affected by Notice to Mariners .....	II-5.1

### Section III

Broadcast Warnings / MARAD Advisories / Special Warnings .....	III-1.1
Marine Information .....	III-2.1

Visit the Maritime Safety Web site at <http://www.nga.mil/maritime>

## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Web site, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Maritime Safety Web site	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Publications	301-227-3120	287-3120	301-227-3731
DLA Catalog of Maps Charts and Related Products	269-961-5741	661-5741	269-961-4983

The Maritime Safety Web site can be accessed directly at <http://www.nga.mil/maritime>. For your convenience NGA provides four e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use NAVPubs@nga.mil, for information concerning the Maritime Safety Web site, use webmaster\_nss@nga.mil and for information concerning the World Wide Navigational Warning Service, use NavSafety@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

**Cover Photo:** The NOAA vessel **SHEARWATER** was the first aluminum catamaran built exclusively to support the National Marine Sanctuary Program (NMSP). The vessel's prescribed mission is to conduct research, education, public outreach, maritime heritage, and emergency response-related operations for Channel Island's National Marine Sanctuary (CINMS). Many of these operations are conducted in partnership with the National Park Service, the United States Geological Survey, and the California Department of Fish and Game, as well as colleges, universities, local high schools, and non-governmental organizations (NGO). The **SHEARWATER** spends approximately 180 days at sea each year, with as many as 100 of those days dedicated to the long-term monitoring of Marine Reserves and Marine Protected Areas. Other ongoing efforts include submerged cultural resource monitoring, and seafloor mapping and habitat characterization. **SHEARWATER** is 62 feet in length, has a beam of 24 feet, and a draft of 7 feet. She is powered by two Detroit Series 60 Diesels rated at 600 HP each, has a transit speed of 20 knots, 1.5 to 2 knots during slow-speed transects, and a range of 450 miles. **SHEARWATER** can remain at sea for five days and has berthing for nine to ten people. Her capabilities include over-the-side ocean-going research and dive operations. Homeported in Santa Barbara, CA, the vessel has been in service since 2003.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

**NM 48/08**

# HYDROGRAM

**National Geospatial-Intelligence Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
\_\_\_\_\_  
NEW PRODUCTS  
OR SERVICES  
\_\_\_\_\_  
IMPORTANT  
CHANGES

**29 November 2008**

## **TRANSPORTATION WORKER IDENTIFICATION CREDENTIAL (TWIC)**

THE U.S. COAST GUARD AND THE TRANSPORTATION SECURITY ADMINISTRATION HAVE ANNOUNCED ESTABLISHMENT OF THE TRANSPORTATION WORKER IDENTIFICATION CREDENTIAL (TWIC). SEE SECTION III FOR DETAILS.

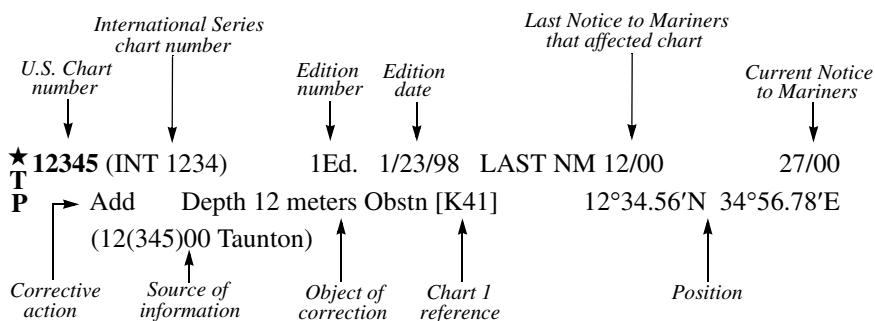
## **NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY**

THIS NOTICE IS A REMINDER OF THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) HARDCOPY TO DIGITAL TRANSITION PROGRAM. SEE SECTION III FOR DETAILS.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NGA/DLIS Catalog of Maps Charts and Related Products, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NGA List of Lights.

**Section II-5** lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

<b>52</b> (INT 52) 1Ed. 4/5/86 LAST NM 39/08 Delete Depth 307 meters (NTM0026/2007)	48/08 9°12'S 153°53'E	<b>705</b> (INT 705) 3Ed. 6/5/82 LAST NM 7/08 Add Light symbol [P1] (39°52'30"E Taunton)	48/08 13°59'N 48°11'E
<b>101</b> (INT 101) 3Ed. 11/23/96 LAST NM 47/04 Delete Depth 179 meters and enclosing depth contour (200-meter) centered  Depth 141 meters (3-4(5)08 Reykjavik)	48/08 66°52'N 13°42'W  66°37'N 13°23'W	<b>1114A</b> Ed. 1/06 LAST NM 31/08 Delete Buoy Buoy Buoy Legend "Priv aids" (7/07 CG7)	48/08 27°51.4'N 83°01.8'W 27°51.9'N 83°01.8'W 27°50.9'N 83°01.8'W 27°53.2'N 83°02.6'W
<b>112</b> (INT 112) 6Ed. 6/15/96 LAST NM 27/99 Delete Depth 188 meters and enclosing depth contour (200-meter) centered  Depth 198 meters  Depth 190 meters and enclosing depth contour (200-meter) centered Depth 179 meters and enclosing depth contour (200-meter) centered  Depth 141 meters (3-4(5)08 Reykjavik)	48/08 63°54'N 24°26'W  67°03'N 22°06'W  66°51'N 20°35'W 66°52'N 13°44'W  66°37'N 13°24'W	<b>1116A</b> Ed. 8/08 LAST NM 47/08 Add Dashed-line circle "Discol water" [Ke] (PA)  Dashed-line circle "Obstn" (PA) Submarine pipeline [L40.1] between (NOS; 45/08 CG8)	48/08 28°36.8'N 90°24.1'W  28°49.9'N 89°47.7'W 27°37.9'N 90°27.9'W 27°37.5'N 90°26.5'W
<b>121</b> 5Ed. 2/12/83 LAST NM 43/08 Delete Depth 103 fathoms  Depth 98 fathoms "Rep (1968)" and enclosing depth contour (100-fathom) centered (3-4(5)08 Reykjavik)	48/08 63°55'N 24°26'W  66°52'N 13°42'W	<b>11004</b> 8Ed. 10/14/06 LAST NM 46/08 Add Dashed-line circle "Discol water" [Ke] (PA)  Dashed-line circle "Obstn" (PA) (45/08 CG8)	48/08 28°36.8'N 90°24.1'W  28°49.9'N 89°47.7'W
<b>302</b> (INT 302) 1Ed. 5/7/83 LAST NM 47/08 Delete Depth 80 meters, blue tint and enclosing depth contour (200-meter) centered Depth 130 meters, blue tint and enclosing dotted-line circle centered  Add Depth 401 meters Depth 306 meters (12(252, 253)06 Athens)	48/08 39°42'N 24°33'E 39°31'N 24°46'E  39°43'N 24°32'E 39°31'N 24°46'E	<b>11331</b> 20Ed. 10/06 LAST NM 45/08 <b>(Side A)</b> Add Danger circle "Obstn" [K40] (PA) (24/07 CG8)	48/08 29°50'34.0"N 93°58'05.0"W
<b>524</b> 12Ed. 1/27/96 LAST NM 47/08 Delete Depth 39 fathoms "Rep (1946)"  Add Depth 527 fathoms Depth 800 fathoms (NTM0026/2007)	48/08 11°35'S 154°50'E  5°00'S 157°07'E 5°07'S 157°05'E	<b>*11339</b> 2Ed. 4/08 LAST NM 38/08 <b>(Inset)</b> Relocate Buoy "122A" from 30°13'16.7"N 93°14'22.0"W to (45/08 CG8)	48/08 30°13'17.2"N 93°14'20.8"W
<b>526</b> 10Ed. 3/23/96 LAST NM 47/08 Add Depth 677 fathoms Depth 527 fathoms Depth 800 fathoms (NTM0026/2007)	48/08 8°59'S 153°59'E 5°00'S 157°07'E 5°07'S 157°05'E	<b>*11340</b> 73Ed. 8/08 LAST NM 47/08 Add Dashed-line circle "Discol water" [Ke] (PA)  Dashed-line circle "Obstn" (PA) Submarine pipeline [L40.1] between (NOS; 45/08 CG8)	48/08 28°36.8'N 90°24.1'W  28°49.9'N 89°47.7'W 27°37.9'N 90°27.9'W 27°37.5'N 90°26.5'W
<b>*604</b> (INT 604) 5Ed. 6/22/96 LAST NM 40/08 Add Depth 1463 meters Depth 962 meters Depth 1958 meters (NTM0026/2007)	48/08 5°07'S 157°05'E 5°00'S 157°07'E 11°37'S 154°55'E	<b>*11342</b> 53Ed. 5/07 LAST NM 41/08 Add Danger circle "Obstn" [K40] (PA) (24/07 CG8)	48/08 29°50'34.0"N 93°58'05.0"W
<b>*622</b> 9Ed. 2/10/96 LAST NM 41/08 Delete Depth 39 fathoms "Rep (1946)"  Substitute Depth 168 fathoms for 185 fathoms  Add Depth 527 fathoms Depth 899 fathoms Depth 1071 fathoms Depth 677 fathoms (NTM0026/2007)	48/08 11°35'S 154°50'E  9°12'S 153°53'E  5°00'S 157°07'E 11°27'S 154°59'E 11°37'S 154°55'E 8°59'S 153°59'E	<b>11347</b> 38Ed. 6/08 LAST NM 38/08 <b>(Side B, Inset)</b> Relocate Buoy "122A" from 30°13'16.8"N 93°14'22.1"W to (45/08 CG8)	48/08 30°13'17.2"N 93°14'20.8"W
<b>*623</b> 9Ed. 8/31/96 LAST NM 40/08 Delete Depth 71 meters and enclosing dotted-line circle  Add Depth 1644 meters Depth 1958 meters (NTM0026/2007)	48/08 11°35'S 154°54'E  11°27'S 154°59'E 11°37'S 154°55'E	<b>*11357</b> 39Ed. 2/08 LAST NM 47/08 Add Dashed-line circle "Discol water" [Ke] (PA) (45/08 CG8)	48/08 28°36'46"N 90°24'08"W
		<b>11358</b> 54Ed. 2/07 LAST NM 47/08 Delete Submerged well (cov 174ft)  Add Dashed-line circle "Obstn" (PA) Note: Platform remains (27/07, 45/08 CG8)	48/08 28°51'01"N 89°48'59"W
		<b>*11359</b> 12Ed. 6/05 LAST NM 47/08 Delete Submerged well (cov 29fms)	48/08 28°51'01"N 89°48'59"W

(continued on next page)

## SECTION I

<b>11359</b> (Continued)				
Add Dashed-line circle "Obstn" (PA)	28°49'53"N 89°47'44"W			
Note: Platform remains				
(27/07, 45/08 CG8)				
<b>11366</b> 11Ed. 1/08 LAST NM 47/08	48/08			
Add Dashed-line circle "Obstn" (PA)	28°49.9'N 89°47.7'W			
(45/08 CG8)				
<b>11367</b> 35Ed. 5/08 LAST NM 42/08	48/08			
(Side B)				
Add Dangerous wreck [K28] (PA)	29°55'01.8"N 90°04'45.6"W			
(45/08 CG8)				
<b>★11368</b> 24Ed. 7/07 LAST NM 42/08	48/08			
Add Dangerous wreck [K28] (PA)	29°55'01.8"N 90°04'45.6"W			
(45/08 CG8)				
<b>11373</b> 47Ed. 10/08 LAST NM 47/08	48/08			
Relocate Buoy "16" from 30°12'43"N 88°30'32"W to	30°12'45"N 88°30'35"W			
(45/08 CG8)				
<b>11374</b> 34Ed. 10/07 LAST NM 43/08	48/08			
(Side A)				
Relocate Buoy "16" from 30°12'43.3"N 88°30'33.5"W to	30°12'45.1"N 88°30'34.6"W			
(45/08 CG8)				
<b>★11375</b> 36Ed. 1/05 LAST NM 43/08	48/08			
Relocate Buoy "16" from 30°12'43.3"N 88°30'33.3"W to	30°12'45.1"N 88°30'34.6"W			
(45/08 CG8)				
<b>★11376</b> 53Ed. 8/08 LAST NM 46/08	48/08			
Add Tabulation of controlling depths from Subsection I-2 (Supersedes 43/08-11376)				
(NOS)				
<b>11377</b> 7Ed. 10/07 LAST NM 46/08	48/08			
Add Tabulation of controlling depths from Subsection I-2 (Supersedes 37/08-11377)				
(NOS)				
<b>11378</b> 35Ed. 3/08 LAST NM 38/08	48/08			
(Side B)				
Change Legend to "42 FT FOR WIDTH OF 600 FT JUL 2008"	30°09'31"N 88°03'16"W			
(NOS)				
(Supersedes 36/08-11378)				
<b>★11380</b> 1Ed. 10/05 LAST NM 32/08	48/08			
Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/08-11380)				
(NOS)				
<b>★11389</b> 33Ed. 7/05 LAST NM 46/08	48/08			
Add Tabulation of controlling depths from Subsection I-2 (Supersedes 46/08-11389)				
(NOS)				
<b>11393</b> 21Ed. 11/05 LAST NM 11/06	48/08			
(Side A)				
Add Tabulation of controlling depths from Subsection I-2 (Supersedes 11/06-11393)				
(NOS)				
<b>11400</b> 36Ed. 1/06 LAST NM 31/08	48/08			
Delete Buoy	27°51.4'N 83°01.8'W			
Buoy	27°51.9'N 83°01.8'W			
Buoy	27°50.9'N 83°01.8'W			
Legend "Priv aids"	27°53.2'N 83°02.6'W			
(7/07 CG7)				
<b>11412</b> 44Ed. 6/06 LAST NM 44/08	48/08			
Delete Buoy	27°50'12"N 82°50'33"W			
Buoy	27°51'24"N 83°01'49"W			
Buoy	27°51'55"N 83°01'48"W			
Buoy	27°50'54"N 83°01'48"W			
Legend "Priv aids"	27°51'24"N 83°01'00"W			
(7/07 CG7)				
<b>11442</b> 35Ed. 1/08 LAST NM 36/08	48/08			
Change Note to	"NOTE C DANGER AREA			
Area is open to unrestricted surface navigation but all vessels are cautioned neither to anchor, dredge, trawl, lay cables, bottom, nor conduct any other similar type of operation because of residual danger from mines on the bottom."				
(NOS)	24°57'00"N 81°29'00"W			
<b>11480</b> 40Ed. 3/07 LAST NM 33/08	48/08			
Add Dashed-line circle "Discol water" [Ke] (Rep 2005) (PA)	30°20.5'N 81°15.5'W			
(NTM0034/2008)				
<b>11488</b> 26Ed. 12/06 LAST NM 33/08	48/08			
Add Dashed-line circle "Discol water" [Ke] (Rep 2005) (PA)	30°20'30"N 81°15'30"W			
(NTM0034/2008)				
<b>★11490</b> 19Ed. 12/06 LAST NM 33/08	48/08			
Add Dashed-line circle "Discol water" [Ke] (Rep 2005) (PA)	30°20'30.0"N 81°15'30.0"W			
(NTM0034/2008)				
<b>11493</b> 9Ed. 2/3/01 LAST NM N19/08	N48/08			
Add Tabulation of controlling depths from Subsection I-2 (Supersedes N19/08-11493)				
(NOS)				
<b>11494</b> 8Ed. 2/3/01 LAST NM N33/08	N48/08			
Add Tabulation of controlling depths from Subsection I-2 (Supersedes N19/08-11494)				
(NOS)				
<b>11496</b> 10Ed. 2/10/07 LAST NM N33/08	N48/08			
Add Dashed-line circle "Discol water" [Ke] (Rep 2005) (PA)	30°20.5'N 81°15.5'W			
(NTM0034/2008)				
<b>★11503</b> 42Ed. 1/07 LAST NM 33/08	48/08			
Add Tabulation of controlling depths from Subsection I-2 (Supersedes 19/08-11503)				
(NOS)				
<b>11513</b> 25Ed. 4/06 LAST NM 44/08	48/08			
Relocate Buoy "11" from 32°26'41"N 80°24'27"W to	32°26'49"N 80°24'20"W			
(5/07 CG7)				
<b>★11520</b> 43Ed. 10/08 NEW EDITION	48/08			
(NOS)				
<b>★11522</b> 20Ed. 4/06 LAST NM 31/08	48/08			
Delete Designation "B" from buoy	32°34'18"N 79°55'06"W			
(5/07 CG7)				
<b>★11527</b> 17Ed. 3/06 LAST NM 44/08	48/08			
Substitute Depth 35 feet Obstn [K41] for 37 feet Obstn	32°55'15.7"N 79°55'55.8"W			
(NOS)				
<b>★12255</b> 17Ed. 10/08 NEW EDITION	48/08			
(NOS)				

## SECTION I

<b>★12326</b>	50Ed. 5/06 LAST NM 29/08 Add Submarine cable [L30.1] joining (NOS)	48/08 40°29'30"N 73°59'59"W 40°30'05"N 73°57'24"W 40°32'52"N 73°46'26"W 40°32'40"N 73°46'10"W 40°32'28"N 73°45'16"W 40°33'34"N 73°41'15"W 40°33'17"N 73°32'24"W 40°33'42"N 73°30'56"W 40°35'36"N 73°30'21"W	<b>17420</b> 28Ed. 3/07 LAST NM 19/08 Delete Light (45/08 CG17)	48/08 55°18.9'N 131°35.8'W
<b>★12332</b>	22Ed. 1/06 LAST NM 25/08 Add Submarine cable [L30.1] joining (NOS)	48/08 40°28'31.0"N 74°21'20.3"W 40°28'34.6"N 74°21'23.5"W 40°28'49.1"N 74°21'24.5"W 40°28'55.9"N 74°21'22.8"W 40°29'02.5"N 74°21'18.2"W 40°29'06.3"N 74°21'08.4"W 40°29'07.7"N 74°20'44.5"W 40°29'13.1"N 74°20'09.9"W 40°29'22.3"N 74°19'53.7"W 40°29'43.4"N 74°19'32.6"W 40°29'54.5"N 74°19'24.0"W 40°30'18.6"N 74°18'51.6"W 40°30'23.6"N 74°18'50.6"W 40°30'29.0"N 74°18'40.4"W 40°30'27.7"N 74°18'32.6"W 40°30'35.8"N 74°18'14.0"W 40°30'37.4"N 74°17'49.1"W 40°30'21.9"N 74°17'18.0"W 40°29'52.2"N 74°17'06.2"W 40°29'02.3"N 74°15'38.0"W 40°28'45.4"N 74°14'18.3"W	<b>18003</b> 20Ed. 11/06 LAST NM 43/08 Relocate Superbuoy ODAS "46015" from (45/08 CG13)	48/08 42°44.7'N 124°49.4'W
<b>★12348</b>	59Ed. 3/06 LAST NM 42/08 Add Submarine cable [L30.1] joining (NOS)	48/08 40°31'45.6"N 73°50'59.5"W 40°32'51.8"N 73°46'25.6"W 40°32'40.0"N 73°46'09.9"W 40°32'27.6"N 73°45'15.6"W 40°32'48.6"N 73°43'59.1"W	<b>18440</b> 29Ed. 9/07 LAST NM 46/08 Delete HORN from light (NOS; 45/08 CG13)	48/08 47°54.7'N 122°31.7'W
<b>★12401</b>	9Ed. 7/07 LAST NM 29/08 Add Submarine cable [L30.1] joining (NOS)	48/08 40°29'03.7"N 74°08'19.3"W 40°29'03.7"N 74°07'32.6"W 40°28'52.3"N 74°06'33.1"W 40°28'36.4"N 74°04'03.2"W 40°29'07.1"N 74°03'39.2"W 40°29'08.2"N 74°02'36.3"W 40°29'02.8"N 74°01'42.6"W 40°29'27.4"N 74°00'12.2"W 40°30'04.8"N 73°57'24.0"W 40°30'26.2"N 73°56'10.5"W	<b>18441</b> 46Ed. 12/07 LAST NM 41/08 Delete HORN from light (45/08 CG13)	48/08 47°54'44"N 122°31'38" W
<b>★12402</b>	10Ed. 5/06 LAST NM 42/08 Add Submarine cable [L30.1] between (NOS)	48/08 40°30'00.0"N 73°57'44.0"W 40°30'25.5"N 73°56'12.0"W	<b>18445</b> 32Ed. 8/07 LAST NM 46/08 <b>(Page A)</b> Delete HORN from light (NOS; 45/08 CG13)	48/08 47°54'44"N 122°31'36" W
<b>★15560</b>	1Ed. 4/30/71 NEW EDITION (NGA)	N48/08	<b>18448</b> 34Ed. 7/06 LAST NM 46/08 Add Danger circle "Obstns" [K40] (NOS)	48/08 47°07'34"N 122°54'15" W 47°07'57"N 122°54'28" W
<b>★17324</b>	15Ed. 3/07 LAST NM 45/08 Change Obscured sector of light "4" to 157°-338° (Supersedes 45/08-17324) (45/08 CG17)	48/08 57°09'00"N 135°24'38"W	<b>★18456</b> 20Ed. 3/05 LAST NM 45/08 Add Danger circle "Obstns" [K40] (NOS)	48/08 47°07'34.1"N 122°54'15.3" W 47°07'57.3"N 122°54'28.1" W
<b>★18473</b>	8Ed. 9/05 LAST NM 41/08 (NOS)		<b>18473</b> 8Ed. 9/05 LAST NM 41/08 Delete HORN from light (45/08 CG13)	48/08 47°54'44"N 122°31'37" W
<b>★18477</b>	5Ed. 8/25/01 LAST NM 41/08 (NOS)		<b>★18477</b> 5Ed. 8/25/01 LAST NM 41/08 Delete HORN from light (45/08 CG13)	48/08 47°54'43.9"N 122°31'37.1" W
<b>★18521</b>	73Ed. 4/08 LAST NM 38/08 (NOS)		<b>★18521</b> 73Ed. 4/08 LAST NM 38/08 Delete Depth 42 feet (NOS)	48/08 46°11'16.8"N 123°52'50.3" W
<b>★18580</b>	22Ed. 12/05 LAST NM 40/08 Relocate Superbuoy ODAS "46015" from (45/08 CG13)		<b>★18580</b> 22Ed. 12/05 LAST NM 40/08 Relocate Superbuoy ODAS "46015" from 42°45.4'N 124°49.7'W to (45/08 CG13)	48/08 42°44.7'N 124°49.4'W
<b>18600</b>	14Ed. 1/26/02 LAST NM 46/08 (45/08 CG13)		<b>18600</b> 14Ed. 1/26/02 LAST NM 46/08 Relocate Superbuoy ODAS "46015" from 42°45.4'N 124°49.7'W to (45/08 CG13)	48/08 42°44.7'N 124°49.4'W
<b>★18649</b>	65Ed. 7/06 LAST NM 47/08 (NOS)		<b>★18649</b> 65Ed. 7/06 LAST NM 47/08 Substitute Depth 13 feet for 20 feet (NOS)	48/08 37°51'57.1"N 122°29'34.0" W
<b>★18650</b>	55Ed. 12/07 LAST NM 47/08 (NOS)		<b>★18650</b> 55Ed. 12/07 LAST NM 47/08 Substitute Depth 18 feet for 24 feet (NOS)	48/08 37°51'21.6"N 122°28'15.9" W

## SECTION I

<b>★18651</b>	44Ed. 4/06 LAST NM 32/08 Change Legend to "29 FEET FOR A WIDTH OF 500 FEET MAR 2008" (NOS)	48/08 37°40'16.8"N 122°19'42.7"W	<b>26001</b>	4Ed. 5/25/96 LAST NM 24/08 Add Buoy Y, spherical, Q(5) Y 20s with legend "ODAS" (100/07 Bogota)	48/08 12°21.0'N 72°12.9'W
<b>18652</b>	34Ed. 9/07 LAST NM 47/08 <b>(Page A)</b> Change Legend to "29 FEET FOR A WIDTH OF 500 FEET MAR 2008"	48/08 37°40'17"N 122°19'43"W	<b>38030</b>	1Ed. 4/4/92 LAST NM 27/08 Delete Depth 188 meters and enclosing depth contour (200-meter) centered Depth 190 meters and enclosing depth contour (200-meter) centered Depth 179 meters and enclosing depth contour (200-meter) centered (3-4)(5)08 Reykjavik)	48/08 63°54.0'N 24°26.0'W 66°50.5'N 20°35.0'W 66°52.0'N 13°44.0'W
	<b>(Page B, Inset 5)</b> Substitute Depth 13 feet for 20 feet Depth 20 feet for 24 feet (NOS)	37°51'57"N 122°29'34"W 37°51'31"N 122°28'29"W	<b>38610</b>	1Ed. 2/9/91 LAST NM 26/08 Delete Depth 188 meters and enclosing depth contour (200-meter) centered Substitute Depth 25.5 meters for 29 meters (3-4)(5)08 Reykjavik)	48/08 63°53.5'N 24°26.3'W 64°32.8'N 22°54.3'W
<b>★18653</b>	10Ed. 7/05 LAST NM 32/08 Delete Depth 24 feet Depth 25 feet	48/08 37°51'29.6"N 122°28'30.5"W 37°51'39.4"N 122°28'48.2"W	<b>38650</b>	1Ed. 3/9/91 LAST NM 44/06 Delete Depth 113 meters Depth 122 meters Depth 179 meters and enclosing depth contour (200-meter) centered Depth 141 meters and enclosing depth contour (200-meter) centered (3-4)(5)08 Reykjavik)	48/08 67°01.5'N 15°00.0'W 67°04.4'N 14°59.2'W 66°52.3'N 13°44.6'W 66°37.3'N 13°21.0'W
	Substitute Depth 13 feet for 20 feet Depth 14 feet for 20 feet Depth 14 feet for 24 feet Depth 16 feet for 27 feet Depth 17 feet for 24 feet Depth 18 feet for 24 feet	37°51'57.1"N 122°29'34.0"W 37°51'56.9"N 122°29'25.5"W 37°51'53.7"N 122°29'15.7"W 37°51'34.8"N 122°28'40.8"W 37°51'45.0"N 122°28'56.3"W 37°51'21.6"N 122°28'15.9"W	<b>38670</b>	2Ed. 2/17/96 LAST NM 27/08 Delete Depth 198 meters and enclosing depth contour (200-meter) centered Depth 190 meters and enclosing depth contour (200-meter) centered Add Depth 141 meters Depth 116 meters Depth 125 meters Depth 68 meters (3-4)(5)08 Reykjavik)	48/08 67°02.0'N 22°05.5'W 66°50.6'N 20°35.8'W 66°22.1'N 21°09.1'W 66°12.2'N 21°01.9'W 66°10.8'N 20°53.3'W 65°54.4'N 20°48.0'W
	Add (NOS) Depth 20 feet	37°51'30.9"N 122°28'29.0"W	<b>38683</b>	3Ed. 12/27/97 LAST NM 34/06 Add Depth 125 meters Depth 68 meters (3-4)(5)08 Reykjavik)	48/08 66°10'48"N 20°53'17"W 65°54'21"N 20°47'57"W
<b>★18749</b>	42Ed. 8/08 LAST NM 44/08 <b>(Inset)</b> Add Buoy "13" G, can Buoy "15" G, can Buoy "17" G, can (44/08 CG11)	48/08 33°44'00.0"N 118°05'28.1"W 33°43'57.5"N 118°05'23.3"W 33°43'55.8"N 118°05'19.3"W	<b>38690</b>	2Ed. 3/16/96 LAST NM 27/08 Delete Depth 198 meters and enclosing depth contour (200-meter) centered (3-4)(5)08 Reykjavik)	48/08 67°02.0'N 22°05.8'W
<b>★18773</b>	41Ed. 10/08 NEW EDITION (NOS)	48/08	<b>44015</b>	8Ed. 7/22/95 LAST NM 45/08 Add Depth 14.4 meters, blue tint and enclosing depth contour (20-meter) centered Depth 14.5 meters, blue tint and enclosing depth contour (20-meter) centered Depth 13.2 meters Obstn [K41] Depth 14.6 meters Obstn [K41] (52(767)07 Gdynia)	48/08 54°54.5'N 17°43.3'E 54°50.9'N 17°22.6'E 54°48.6'N 17°16.5'E 54°49.4'N 17°14.3'E
<b>★21338</b>	4Ed. 10/11/08 NEW EDITION (NGA)	48/08	<b>44083</b>	8Ed. 4/6/96 LAST NM 44/08 Delete Buoy "W-1" Change Shape of buoy "W-2" to pillar Add Buoy "W-1" RW, pillar, ball topmark (38(550)05 Gdynia)	48/08 53°49'36"N 14°36'09"E 53°47'54"N 14°36'05"E 53°49'27"N 14°36'08"E
<b>24480</b>	1Ed. 6/16/90 LAST NM 42/08 Change Height of light to 21m (106/07 Bogota)	48/08 8°16.1'N 76°46.3'W	<b>44140</b>	8Ed. 7/20/96 LAST NM 44/08 Substitute Depth 14.4 meters for 20 meters Add Depth 14.5 meters enclosed by depth contour (20-meter) Depth 13.2 meters Obstn [K41] Depth 14.6 meters Obstn [K41] (52(767)07 Gdynia)	48/08 54°54.5'N 17°43.3'E 54°50.9'N 17°22.6'E 54°48.6'N 17°16.5'E 54°49.4'N 17°14.3'E
<b>24490</b>	3Ed. 6/24/95 LAST NM 42/08 Add Buoy Y, spherical, Q(5) Y 20s with legend "ODAS" (100/07 Bogota)	48/08 12°21.0'N 72°12.9'W			
<b>24500</b>	1Ed. 10/4/03 LAST NM 47/08 Change Range light, front "E-1" to Iso Bu 2s 5m 8M Range light, rear "E-3" to Iso Bu 4s 20m 8M (See 52/07-24500) (114, 115/07 Bogota; BA LL)	48/08 11°06'13"N 74°50'54"W 11°06'06"N 74°50'48"W			
<b>24502</b>	6Ed. 3/13/99 LAST NM 47/08 <b>(Panel A)</b> Change Range light, front "E-1" to Iso Bu 2s 5m 8M Range light, rear "E-3" to Iso Bu 4s 20m 8M (See 52/07-24502)	48/08 11°06'13.1"N 74°50'53.9"W 11°06'06.0"N 74°50'48.0"W			
	<b>(Panel B)</b> Add Buoy "15A" G, pillar, Iso G 3s PA (114, 115, 118/07 Bogota; BA LL)	11°00'46.0"N 74°46'17.0"W			
<b>25001</b>	7Ed. 8/11/01 LAST NM 44/08 Add Buoy Y, spherical, Q(5) Y 20s with legend "ODAS" (100/07 Bogota)	48/08 12°21.0'N 72°12.9'W			

## SECTION I

NM 48/08

<b>44320</b>	4Ed. 9/21/96 LAST NM 45/08 Add Depth 1.5 meters Rk [K14.2] (10(109)07 Tallinn)	48/08 58°57.2'N 23°28.6'E	<b>44463</b>	9Ed. 10/28/95 LAST NM 43/08 Delete Buoy (37(575)07 Gdynia)	48/08 54°30'58.3"N 18°33'12.0"E
<b>44352</b>	3Ed. 3/10/07 LAST NM N47/08 Delete Light (10(105)07 Tallinn)	N48/08 59°27'04"N 24°45'05"E	<b>44465</b>	2Ed. 4/23/94 LAST NM 45/08 Add Depth 29.6 meters (42(630)07 Gdynia)	48/08 54°28'16"N 18°48'10"E
<b>44365</b>	1Ed. 8/3/91 LAST NM 47/04 Delete Buoy Buoy Buoy (See 4/04-44365) (41(6090)07 St. Petersburg)	48/08 60°36'41.6"N 28°31'45.6"E 60°36'33.2"N 28°31'57.6"E 60°36'12.8"N 28°30'51.6"E	<b>44481</b>	2Ed. 2/22/97 LAST NM 43/08 Delete Depth 15.5 meters Depth 16.2 meters Add Depth 14.4 meters enclosed by depth contour (20-meter) Depth 14.5 meters enclosed by depth contour (20-meter) Depth 13.2 meters Obstn [K41] Depth 14.6 meters Obstn [K41] (52(767)07 Gdynia)	48/08 54°51.0'N 17°22.5'E 54°54.3'N 17°43.0'E 54°54.5'N 17°43.3'E 54°50.9'N 17°22.6'E 54°48.6'N 17°16.5'E 54°49.4'N 17°14.3'E
<b>44400</b>	4Ed. 9/7/96 LAST NM 46/08 Add Legend "Construction Area" Legend "Construction Area" Depth 1.5 meters Rk [K14.2] Light Q(5) 12s 9M (10(109, 120)07, 10(94, 98)08 Tallinn)	48/08 58°34.5'N 23°30.2'E 58°34.4'N 23°23.6'E 58°57.2'N 23°28.6'E 58°06.0'N 22°33.4'E	<b>53110</b>	1Ed. 7/22/89 LAST NM 42/08 <b>(Panel A)</b> Add Submarine cable (power) [L31.1] joining	48/08 40°50.7'N 8°18.8'E 40°53.5'N 8°21.2'E 40°54.0'N 8°22.0'E 40°54.4'N 8°26.9'E 40°54.0'N 8°34.0'E 40°52.8'N 8°35.4'E 40°52.7'N 8°36.8'E 40°52.9'N 8°37.9'E
<b>44420</b>	6Ed. 12/14/96 LAST NM 41/07 Delete Depth 11.8 meters Wk	48/08 57°27.0'N 21°30.1'E	<b>53110</b>	<b>(Panel B)</b> Add Submarine cable (power) [L31.1] joining	40°50.7'N 8°18.8'E 40°53.5'N 8°21.2'E 40°54.0'N 8°22.0'E 40°54.4'N 8°26.9'E 40°54.0'N 8°34.0'E 40°52.8'N 8°35.4'E 40°52.7'N 8°36.8'E 40°52.9'N 8°37.9'E
	Substitute Depth 18.3 meters Obstn for 10 meters Obstn	57°28.4'N 21°28.5'E			
	Depth 7.9 meters for 11.6 meters	57°27.0'N 21°32.5'E			
	Depth 8.9 meters for 8.4 meters	57°26.2'N 21°30.9'E			
Change	Characteristic of buoy "A" to Mo(A) 10s	57°26.1'N 21°25.5'E			
	Characteristic of buoy "B" to Mo(A) 10s	57°28.4'N 21°26.2'E			
	Legend to "Lts in line 143°42"	57°32.7'N 21°19.4'E			
Add	Depth 9.6 meters Wk[K26] (10(62)06 Riga)	57°25.1'N 21°26.5'E			
<b>44430</b>	2Ed. 6/22/96 LAST NM 46/08 Add Depth 14.8 meters Obstn [K41] (4(347)07 St. Petersburg)	48/08 54°57.5'N 20°23.4'E			
<b>44444</b>	6Ed. 5/15/99 LAST NM 45/08 <b>(Plan A)</b>	48/08	<b>53133</b>	4Ed. 5/17/03 LAST NM 8/05 <b>(Plan B)</b> Add Stranded wreck [K24] (15(11)08 Genova)	48/08 41°15'27.0"N 13°36'52.2"E
Delete	Prohibited area and buoy "Meas Equip" centered	57°26'57.0"N 21°30'00.0"E			
Substitute	Depth 5 meters Wk [K26] for 4.2 meters Wk	57°25'45.0"N 21°30'33.0"E	<b>53166</b>	1Ed. 7/20/91 LAST NM 38/08 Add Dashed line (maritime limit) joining	48/08 40°44'39.0"N 14°27'33.6"E 40°44'34.8"N 14°27'24.6"E 40°44'25.8"N 14°27'33.0"E 40°44'30.0"N 14°27'42.6"E
	Depth 10.1 meters Wk [K26] for 10.3 meters	57°26'17.5"N 21°29'50.0"E			
	Depth 8.9 meters Wk for 8.4 meters Wk	57°26'21.0"N 21°30'06.0"E			
	Depth 12.2 meters Obstn [K41] for 8.4 meters Wk	57°26'19.0"N 21°30'38.0"E			
	Depth 7.9 meters for 8.7 meters	57°26'49.0"N 21°31'44.0"E			
Change	Characteristic of buoy "A" to Mo(A) 10s	57°26'16.5"N 21°24'39.0"E			
	Characteristic of buoy "B" to Mo(A) 10s	57°28'30.0"N 21°25'54.0"E			
Add	Depth 9.8 meters Wk [K26]	57°26'18.0"N 21°31'53.0"E	<b>53281</b>	4Ed. 12/27/97 LAST NM 42/08 Add Submarine cable (power) [L31.1] joining	48/08 40°50'41"N 8°18'47"E 40°53'27"N 8°21'12"E 40°53'54"N 8°21'48"E 40°54'09"N 8°23'27"E 40°54'24"N 8°26'51"E 40°54'18"N 8°30'30"E 40°54'06"N 8°31'51"E 40°54'00"N 8°34'00"E 40°53'54"N 8°34'12"E 40°53'18"N 8°34'42"E 40°52'48"N 8°35'24"E 40°52'39"N 8°36'18"E 40°52'51"N 8°37'51"E
	<b>(Plan B)</b>				
Add	Depth 13 meters Wk [K26]	55°43'38.4"N 21°04'09.6"E			
	Depth 11.3 meters Obstns [K41]	55°43'44.4"N 21°05'00.0"E			
	(10(62)06 Riga; 44(5902), 45(6121)08 Taunton)				
<b>44461</b>	10Ed. 1/11/97 LAST NM 45/08 Add Buoy Y, spar, "X" topmark Buoy Y, spar, "X" topmark Buoy Y, spar, "X" topmark Buoy Y, spar, "X" topmark (4(348)07 St. Petersburg)	48/08 54°41.8'N 19°53.3'E 54°41.6'N 19°54.1'E 54°40.8'N 19°52.7'E 54°40.7'N 19°53.4'E	<b>54061</b>	12Ed. 2/24/07 LAST NM N46/08 Add Dangerous wreck [K28] <b>(Plan A)</b> Add Dangerous wreck [K28] (15(17)08 Genova)	N48/08 40°26'12"N 17°14'18"E 40°26'12"N 17°14'18"E

## SECTION I

<b>54095</b>	3Ed. 9/14/02 LAST NM 47/08 Add Wreck [K29] (PA) (15(19)08 Genova)	48/08 42°25.2'N 15°54.8'E	<b>54343</b> 10Ed. 12/9/95 LAST NM 47/08 Delete Submarine pipeline between (1(20)07 Athens)	48/08 37°30'12"N 23°26'16"E 37°30'28"N 23°26'49"E
<b>54105</b>	3Ed. 8/31/02 LAST NM 41/08 Add Wreck [K29] (PA) (15(19)08 Genova)	48/08 42°25.2'N 15°54.8'E	<b>54346</b> 9Ed. 4/3/04 LAST NM 46/08 Delete Range beacons (2), range line and legend "Beacons in line 270° between 37°57'16.0"N 23°32'21.0"E 37°57'16.0"N 23°33'47.0"E (4(81)07 Athens)	48/08
<b>54131</b>	2Ed. 2/10/01 LAST NM 43/08 Add Wreck [K29] (PA) (15(19)08 Genova)	48/08 42°25.2'N 15°54.8'E	<b>54360</b> 12Ed. 9/22/90 LAST NM 44/08 Delete Depth 81 meters, enclosing depth contour and legend "Rep (1907)" in vicinity 39°42.2'N 24°32.7'E Depth 130 meters, enclosing depth contour and legend "Rep (1976)" in vicinity 39°30.8'N 24°45.8'E Add Depth 401 meters 39°42.5'N 24°32.5'E Depth 306 meters 39°31.0'N 24°45.9'E (12(252, 253)06 Athens)	48/08
<b>54140</b>	8Ed. 4/22/06 LAST NM 30/08 Add Buoy Y, can, "X" topmark, Fl Y 3s [Q130.6] (15(20)08 Genova)	48/08 44°27'22"N 12°29'59"E	<b>54380</b> 6Ed. 5/11/91 LAST NM 44/08 Delete Depth 130 meters, enclosing depth contour (200-meter) and legend "Rep (1976)" in vicinity 39°30.9'N 24°45.9'E Add Depth 306 meters 39°31.0'N 24°45.9'E (12(253)06 Athens)	48/08
<b>54151</b>	1Ed. 6/20/92 LAST NM 47/08 Delete Depth 80 meters Rk and enclosing depth contour in vicinity 39°42.2'N 24°32.7'E Depth 130 meters "Rep (1976)" 39°31.0'N 24°45.8'E Add Depth 401 meters 39°42.5'N 24°32.5'E Depth 306 meters 39°31.0'N 24°45.9'E (12(252, 253)06 Athens)	48/08	<b>54407</b> 4Ed. 1/27/96 LAST NM 46/08 Change Light to Fl R 3s 11m 3M 36°25.2'N 28°14.1'E (See 46/08-54407) (11(228)07 Athens)	48/08
<b>54286</b>	4Ed. 4/20/96 LAST NM 49/06 <b>(Plan A)</b> Add "Work in progress (2007)" area bound by shore and dashed line joining 37°47'02.8"N 20°54'09.0"E 37°47'00.1"N 20°54'05.6"E 37°46'58.8"N 20°54'07.6"E 37°47'01.5"N 20°54'10.9"E (See 44/96-54286) (5(99)07 Athens)	48/08	<b>54413</b> 3Ed. 6/29/91 LAST NM 34/08 Add "Sea-Plane Landing" area [N13] bound by purple dashed line joining 36°56'44.8"N 26°59'39.7"E 36°56'46.5"N 26°59'40.9"E 36°56'33.2"N 27°00'10.9"E 36°56'31.5"N 27°00'09.7"E (5(108)07 Athens)	48/08
<b>54288</b>	5Ed. 5/11/96 LAST NM 43/08 <b>(Plan C)</b> Substitute Depth 5 fathoms 2 feet for 4 fathoms 5 feet 38°19'48"N 22°37'15"E Depth 4 fathoms 3 feet for 4 fathoms 4 feet 38°19'42"N 22°35'52"E Add Depth 42 fathoms enclosed by depth contour (50-fathom) centered 38°16'58"N 22°43'22"E Depth 35 fathoms enclosed by depth contour (50-fathom) centered 38°16'51"N 22°42'45"E (3(58)07 Athens)	48/08	<b>54416</b> 5Ed. 7/6/96 LAST NM 46/08 Change Light to Fl R 3s 11m 3M 36°25'11"N 28°14'03"E (See 46/08-54416) (11(228)07 Athens)	48/08
<b>54289</b>	8Ed. 11/23/85 LAST NM 47/08 Substitute Depth 42 fathoms for 48 fathoms 38°16'58"N 22°43'05"E Depth 5 1/2 fathoms for 4 1/4 fathoms 38°19'49"N 22°37'00"E Depth 4 1/2 fathoms for 4 3/4 fathoms 38°19'42"N 22°35'30"E Add Depth 16 fathoms enclosed by depth contour (20-fathom) centered 38°11'00"N 22°52'15"E Depth 35 fathoms 38°16'51"N 22°42'31"E (3(58)07 Athens)	48/08	<b>54417</b> 1Ed. 4/5/03 LAST NM 46/08 Change Light to Fl R 3s 11m 3M 36°25'10.7"N 28°14'02.6"E (See 46/08-54417) (11(228)07 Athens)	48/08
<b>54318</b>	3Ed. 3/9/96 LAST NM 47/08 Add Buoy, pillar (2(41)07 Athens)	48/08 35°27'37"N 24°15'33"E	<b>54421</b> 6Ed. 3/17/01 LAST NM 46/08 Change Light to Fl R 3s 11m 3M 36°25'11"N 28°14'03"E (See 46/08-54421) (11(228)07 Athens)	48/08
<b>54340</b>	8Ed. 7/27/91 LAST NM 47/08 Delete Depth 130 meters, enclosing depth contour and legend "Rep (1976)" in vicinity 39°30.8'N 24°45.8'E Substitute Depth 8.2 meters for 8.7 meters 38°19.7'N 22°35.8'E Depth 9.7 meters for 9 meters 38°19.8'N 22°37.2'E Add Depth 30 meters enclosed by depth contour (50-meter) centered 38°11.1'N 22°52.4'E Depth 77 meters enclosed by depth contour (100-meter) centered 38°17.0'N 22°43.4'E Depth 64 meters enclosed by depth contour (100-meter) centered 38°16.9'N 22°42.8'E Depth 306 meters 39°31.0'N 24°45.9'E (3(58)07, 12(253)06 Athens)	48/08	<b>55060</b> 7Ed. 2/15/97 LAST NM 45/08 Add "Submerged Rocks (NOTE NO 3)" area bound by shore and dashed line joining 43°59'30.0"N 28°41'03.4"E 43°59'39.0"N 28°41'05.4"E 44°00'03.6"N 28°41'03.6"E 44°00'17.4"N 28°40'59.4"E 44°00'54.0"N 28°40'34.8"E 44°01'13.8"N 28°40'36.6"E 44°01'34.8"N 28°40'15.6"E 44°02'35.4"N 28°39'59.4"E 44°02'35.4"N 28°38'53.4"E Note No. 3 to NOTES "3. Uncharted submerged rocks, which may be dangerous to navigation, exist within the area indicated." (12(126)06 Constanta)	48/08
			<b>55129</b> 7Ed. 6/15/96 LAST NM 30/04 Add Light Fl G 3s to buoy 44°33'00"N 38°02'13"E (15(2163)07 St. Petersburg)	48/08

## SECTION I

NM 48/08

<b>55205</b>	1Ed. 12/24/05 LAST NM 46/08 Change Shape of buoy to spar (23(3369)07 St. Petersburg)	48/08 45°20'11"N 36°38'59"E	<b>62531</b>	4Ed. 3/8/03 LAST NM N41/08 Delete Purple composite-line circle, legend "Diving Research Area" and buoy in vicinity 26°04.0'N 51°33.6'E (38(5163)08 Taunton)	N48/08
<b>62000</b>	20Ed. 1/12/91 LAST NM 32/06 Add Light symbol [P1] (39(5263)08 Taunton)	48/08 13°58.9'N 48°11.2'E	<b>62540</b>	6Ed. 1/26/02 LAST NM 42/08 Delete Platform (36(4809)08 Taunton)	48/08 29°33.3'N 49°25.4'E
<b>62302</b>	3Ed. 3/4/06 LAST NM 41/08 Add Light Fl Ss 90m 20M Racon (B) (39(5263)08 Taunton)	48/08 13°58.9'N 48°11.2'E	<b>62541</b>	3Ed. 1/26/02 LAST NM N42/08 Delete Platform (36(4809)08 Taunton)	N48/08 29°33.3'N 49°25.4'E
<b>62401</b>	9Ed. 8/26/95 LAST NM 21/08 Delete Blue tint area and enclosing depth contour in vicinity 24°53'09"N 52°31'18"E	48/08	<b>62550</b>	3Ed. 2/22/03 LAST NM 41/08 Delete Purple dashed-line circle, legend "DIVING RESEARCH AREA" and buoy in vicinity 26°04'00"N 51°33'38"E (38(5163)08 Taunton)	48/08
	Add "Safety Zone" bound by purple composite line joining 24°57'00"N 52°31'29"E 24°53'14"N 52°31'28"E 24°53'13"N 52°35'25"E 24°57'00"N 52°35'26"E Note: Area extends beyond chart border (BA CH 3179; 39(5324)08 Taunton)		<b>★74007</b>	1Ed. 7/10/93 LAST NM 37/08 Add Depth 525 meters Depth 614 meters (NTM0026/2007)	48/08 9°07.9'S 153°57.7'E 8°40.5'S 154°40.9'E
<b>62408</b>	7Ed. 5/6/95 LAST NM 23/06 Add Buoy (mooring) [Q40] F Buoy (mooring) [Q40] F (39(5323)08 Taunton)	48/08 25°10.40'N 52°51.20'E 25°07.40'N 52°54.20'E	<b>74302</b>	1Ed. 6/13/03 LAST NM N6/08 Delete Depth 12.4 meters Substitute Depth 14.9 meters for 16.4 meters Change Legend "Aus 29" to "74399" Add Depth 10.8 meters (NGA; 18(906)08 Wollongong)	N48/08 12°25.8'S 130°47.8'E 12°26.3'S 130°47.9'E 12°18.2'S 130°22.6'E 12°26.0'S 130°47.8'E
<b>62437</b>	12Ed. 8/11/07 LAST NM 24/08 Add Foul ground symbol [K31] (38(5107)08 Taunton)	48/08 29°59'49"N 48°00'44"E	<b>★74342</b>	1Ed. 11/23/07 NEW CHART Substitute Depth 5.1 meters for 5.5 meters Change Chart title to "PORT DARWIN WICKHAM POINT" (NGA; 16(778), 18(906)08 Wollongong)	N48/08 12°28.72'S 130°48.14'E 12°26.35'S 130°50.70'E
<b>62440</b>	8Ed. 3/1/03 LAST NM 41/08 Add "Safety Zone" bound by purple composite line joining 24°57'47"N 52°31'30"E 24°53'14"N 52°31'28"E 24°53'13"N 52°35'25"E 24°57'43"N 52°35'27"E (39(5324)08 Taunton)	48/08	<b>★74393</b>	9Ed. 10/30/99 CHART CANCELED (NGA)	48/08
<b>62449</b>	4Ed. 9/2/95 LAST NM 23/06 <b>(Plan A)</b> Add Buoy (mooring) [Q40] F (39(5323)08 Taunton)	48/08 25°07'24.0"N 52°54'12.0"E	<b>74397</b>	1Ed. 8/22/03 LAST NM N6/08 Delete Depth 12.4 meters Depth 11.5 meters Depth 18.8 meters Purple outline of chart 74398 Purple outline of chart 74398 Substitute Depth 5.1 meters for 5.5 meters Add Depth 14.9 meters Wk [K26] Depth 10.8 meters Depth 9.4 meters, blue tint and enclosing depth contour (10-meter) centered Purple outline of chart 74342 joining Purple outline of chart 74398 joining Purple outline of chart 74398 12°25.88'S 130°47.73'E 12°26.12'S 130°48.04'E 12°26.50'S 130°47.70'E 12°26.06'S 130°48.20'E 12°27.85'S 130°51.64'E 12°28.72'S 130°48.14'E 12°26.28'S 130°47.89'E 12°25.95'S 130°47.76'E 12°26.15'S 130°48.06'E 12°32.00'S 130°48.10'E 12°26.00'S 130°48.10'E 12°26.00'S 130°51.70'E 12°32.00'S 130°51.70'E	N48/08
<b>★62453</b>	5Ed. 7/22/06 LAST NM 41/08 <b>(Plan)</b> Delete Depth 9.5 meters Add Depth 9.2 meters Depth 9.7 meters Depth 9.9 meters, blue tint and enclosing depth contour (10-meter) Depth 9.8 meters Depth 9.8 meters, blue tint and enclosing depth contour (10-meter) (NTM0033/2008)	48/08 26°11'49.5"N 50°37'22.4"E 26°11'49.6"N 50°37'21.9"E 26°11'50.5"N 50°37'28.4"E and extend depth contour close W to enclose 26°11'51.8"N 50°37'25.6"E 26°11'53.6"N 50°37'21.3"E and extend depth contour close NW to enclose 26°11'54.7"N 50°37'19.3"E			
<b>62520</b>	6Ed. 3/15/03 LAST NM 42/08 Delete Dashed-line circle, legend "Diving Research Area" and buoy in vicinity (38(5163)08 Taunton)	48/08 26°04.0'N 51°33.6'E	<b>62520</b>	6Ed. 3/15/03 LAST NM 42/08 Delete Dashed-line circle, legend "Diving Research Area" and buoy in vicinity 26°04.0'N 51°33.6'E (NGA; 13(561)07, 18(906)08 Wollongong)	48/08 12°31.70'S 130°50.20'E 12°27.30'S 130°50.20'E 12°27.30'S 130°57.30'E 12°31.70'S 130°57.30'E
<b>62521</b>	4Ed. 3/15/03 LAST NM N42/08 Delete Dashed-line circle, legend "Diving Research Area" and buoy in vicinity (38(5163)08 Taunton)	N48/08 26°04.0'N 51°33.6'E	<b>★74398</b>	2Ed. 5/23/08 NEW EDITION Change Chart title to "PORT DARWIN EAST ARM" (NGA; 16(778)08 Wollongong)	N48/08 12°27.60'N 130°55.50'E
<b>62530</b>	6Ed. 3/8/03 LAST NM 41/08 Delete Purple composite-line circle, legend "Diving Research Area" and buoy in vicinity (38(5163)08 Taunton)	48/08 26°04.0'N 51°33.6'E	<b>★74431</b>	2Ed. 5/9/08 NEW EDITION Change Legend "Edition Number 3" to "Edition Number 2" (NGA)	N48/08 13°12.0'S 127°53.0'E

## SECTION I

<b>74440</b>	3Ed. 7/12/97 LAST NM 22/04 Delete Depth 23 meters	48/08 13°31.0'S 125°43.8'E	<b>93652</b> 2Ed. 5/4/96 LAST NM 47/08 Add Buoy "1" G, conical, Fl G 4s (47(861)02 Tianjin)	48/08 21°31'22"N 108°33'27"E
	Add Depth 3.7 meters enclosed by depth contour (10-meter) centered (17(850)08 Wollongong)	13°31.2'S 125°44.1'E		
<b>*74451</b>	2Ed. 5/9/08 NEW EDITION Delete Depth 23 meters	N48/08 13°31.0'N 125°43.8'E	<b>94016</b> 2Ed. 9/23/95 LAST NM 46/08 Add Submarine cable [L30.1] joining (47(866)02 Tianjin)	48/08 27°45.0'N 124°48.6'E 27°19.6'N 124°17.6'E 26°35.8'N 123°46.0'E
	Add Depth 3.7 meters, blue tint and enclosing depth contour (5-meter) centered (NGA; 17(850)08 Wollongong)	13°31.3'N 125°44.1'E		
<b>*75268</b>	1Ed. 9/28/07 NEW CHART (NGA)	N48/08	<b>94083</b> 12Ed. 1/15/00 LAST NM 38/08 Relocate Buoy "4" from 22°32'57"N 120°19'36"E to 22°32'55"N 120°19'38"E (See 45/05-94083) (122/08 Tso-ying)	48/08 22°32'55"N 120°19'38"E
<b>82010</b>	6Ed. 12/16/95 LAST NM 37/08 Add Depth 525 meters Depth 1463 meters Depth 1646 meters	48/08 9°07.9'S 153°57.7'E 5°06.9'S 157°05.0'E 5°15.0'S 157°05.0'E	<b>94084</b> 1Ed. 1/15/00 LAST NM 38/08 Relocate Buoy "4" from 22°32'57.3"N 120°19'36.9"E to 22°32'55.2"N 120°19'37.5"E Buoy "6" from 22°32'43.5"N 120°19'50.4"E to 22°32'43.6"N 120°19'50.4"E (See 45/05-94084) (122/08 Tso-ying)	48/08 120°19'36.9"E 22°32'55.2"N 120°19'37.5"E 120°19'50.4"E 22°32'43.6"N 120°19'50.4"E
	Depth 962 meters enclosed by depth contour (1000-meter) centered	4°59.7'S 157°07.2'E		
	Depth 614 meters and extend depth contour (1000-meter) NE to enclose (NTM0026/2007)	8°40.5'S 154°40.9'E		
<b>*82015</b>	13Ed. 1/27/96 LAST NM 37/08 Add Depth 962 meters enclosed by depth contour (1000-meter) centered	48/08 4°59.7'S 157°07.2'E	<b>94120</b> 7Ed. 3/10/07 LAST NM 38/08 Add Wreck [K29] (118/08 Tso-ying)	48/08 24°34.2'N 122°24.6'E
	Depth 1463 meters Depth 1646 meters	5°06.9'S 157°05.0'E 5°15.0'S 157°05.0'E		
<b>*82210</b>	2Ed. 3/9/96 LAST NM 35/08 Add Depth 336 meters (NTM0026/2007)	48/08 5°38.1'S 154°03.5'E	<b>94123</b> 9Ed. 5/11/96 LAST NM 31/08 Change Beacon to Fl G 5s 17m 15M (See 52/06-94123) (92/08 Tso-ying)	48/08 25°09'18"N 121°21'30"E
<b>91008</b>	1Ed. 7/18/92 LAST NM 38/08 Add Wreck [K29] (118/08 Tso-ying)	48/08 24°34.2'N 122°24.6'E	<b>94127</b> 2Ed. 5/25/96 LAST NM 31/08 <b>(Panel B)</b> Delete Buoy (See 52/06-94127)	48/08 25°09'37.6"N 121°23'11.4"E
<b>*93036</b>	11Ed. 5/17/08 NEW EDITION Add Danger circle "Well" [L21.3] Note: Wellhead 3.9 meters off bottom Danger circle "Well" [L21.3] Note: Wellhead 3.8 meters off bottom (Previously published 27/08)	48/08 20°51.2'N 115°36.4'E 21°20.6'N 115°06.3'E	Change Light to Fl G 5s 17m 15M (92, 106/08 Tso-ying)	48/08 25°09'18.0"N 121°21'30.0"E
	Add Wreck [K29] Wreck [K29] (PA) Wreck [K29] (Previously published 31/08)	20°26.6'N 113°08.3'E 21°38.0'N 113°10.0'E 22°45.5'N 116°34.0'E	<b>*97283</b> 4Ed. 9/6/08 NEW EDITION (NGA)	N48/08
	Add Dangerous wreck [K28] (Previously published 33/08) (NGA)	22°26.0'N 115°11.0'E		
<b>93240</b>	11Ed. 7/26/97 LAST NM 9/08 Add "Marine Farm" area bound by dotted line (limiting danger line) joining	48/08 12°23'03"N 100°01'44"E 12°23'04"N 100°02'46"E 12°21'55"N 100°02'26"E 12°21'55"N 100°03'00"E 12°20'13"N 100°02'00"E 12°20'14"N 100°00'49"E 12°21'55"N 100°01'52"E 12°21'55"N 100°01'24"E	<b>97460</b> 7Ed. 8/17/96 LAST NM 33/08 Delete Light Change Visibility (range) of light to 14M (43(1255)06, 12(366)08 Tokyo)	48/08 26°24.4'N 127°50.1'E 26°23.6'N 127°59.9'E
	"Marine Farm" area bound by dotted line (limiting danger line) joining	12°18'31"N 100°00'53"E 12°18'30"N 100°03'05"E 12°15'00"N 100°02'44"E 12°15'01"N 100°00'54"E	<b>97461</b> 9Ed. 12/28/96 LAST NM 27/08 Delete Light Change Visibility (range) of light to 10M Visibility (range) of light to 9M Visibility (range) of light to 4M Visibility (range) of light to 3M Visibility (range) of light to 14M (43(1255)06, 12(389)07, 12(366)08 Tokyo)	48/08 26°24.7'N 127°50.1'E 26°25.4'N 127°51.2'E 26°22.7'N 127°57.9'E 26°23.3'N 127°58.5'E 26°22.5'N 127°59.9'E 26°23.9'N 127°59.8'E
	(6(77, 80)08 Bangkok)			
			<b>97465</b> 9Ed. 2/3/96 LAST NM 51/07 Delete Light Change Visibility (range) of light to 10M Visibility (range) of beacon to 7M Visibility (range) of light to 9M Visibility (range) of light to 4M Visibility (range) of light to 3M Visibility (range) of light to 14M (See 36/99-97465) (43(1255)06, 12(389)07, 12(366)08 Tokyo)	48/08 26°24'44"N 127°50'05"E
			<b>97469</b> 10Ed. 7/19/97 LAST NM 24/06 Delete Buoy "4" (R Lt) Buoy (G Lt) Buoy (G Lt) Buoy (G Lt) (17(486)05 Tokyo)	48/08 26°19'17.0"N 127°51'32.5"E 26°18'44.0"N 127°51'56.5"E 26°18'56.0"N 127°51'43.0"E 26°19'13.5"N 127°51'11.0"E

## SECTION I

<b>97471</b>	5Ed. 12/16/95 LAST NM N39/05	N48/08
Delete	Buoy "4"	26°19'16.0"N 127°51'36.0"E
	Buoy (G Lt)	26°18'43.8"N 127°51'56.9"E
	Buoy (G Lt)	26°18'55.8"N 127°51'44.2"E
	Buoy (G Lt)	26°19'13.1"N 127°51'10.8"E
	(17(486)05 Tokyo)	
<b>97472</b>	8Ed. 11/9/96 LAST NM 14/06	48/08
Delete	Light and sector limits (See 50/99-97472)	26°24'43.7"N 127°50'04.0"E
Substitute	Depth 19.3 meters Obstn (Fish haven) [K46.2] for fish haven symbol	26°22'32.0"N 127°56'26.5"E
Change	Visibility (range) of light to 10M 26°25'25.0"N 127°51'08.4"E	
	Visibility (range) of beacon to 7M 26°21'42.5"N 127°56'14.5"E	
	Visibility (range) of light to 9M 26°22'39.2"N 127°57'53.9"E	
	Visibility (range) of light to 4M 26°23'21.5"N 127°58'27.0"E	
	Visibility (range) of light to 3M 26°22'30.5"N 127°59'54.0"E	
	Visibility (range) of light to 14M 26°23'55.0"N 127°59'46.5"E	
	(See 36/99-97472)	
Add	Beacon Y, (Y Lt)	26°28'54.9"N 128°00'31.5"E
	Beacon G, (G Lt)	26°28'19.5"N 127°59'56.1"E
	Beacon R, (R Lt)	26°28'15.9"N 128°00'09.7"E
	Beacon R, (R Lt)	26°28'21.8"N 127°59'56.8"E
	Beacon R, (R Lt)	26°28'26.4"N 127°59'45.8"E
	Beacon R, (R Lt)	26°28'32.4"N 127°59'33.8"E
	Depth 19.1 meters enclosed by depth contour (20-meter) centered	26°28'32.4"N 127°59'33.8"E
	Depth 25.5 meters Obstn (Fish haven) [K46.2] (43(1255)06, 12(389)07, 12(366)08 Tokyo)	26°22'57.0"N 127°56'18.0"E
<b>97473</b>	7Ed. 3/30/96 LAST NM 5/02	48/08
Add	Beacon Y, (Y Lt)	26°28'54.9"N 128°00'31.5"E
	(43(1255)06 Tokyo)	
<b>97480</b>	8Ed. 2/24/07 LAST NM 38/08	48/08
Add	Wreck [K29] (118/08 Tso-ying)	24°34.2'N 122°24.6'E

## SECTION I

Chart 11376

NM 48/08

MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2008 AND SURVEYS TO JUL 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL	44.7	46.8	42.0	7-08	600	7.0 47
MOBILE BAY:						
LOWER REACH (TO LIGHT 50)	41.4	42.9	42.7	7-08	400	11.8 45
UPPER REACH	39.4	45.0	38.2	7-08	400	13.4 40-45
MOBILE RIVER:						
PINTO ISLAND REACH	35.2	39.8	32.3	7-08	700-800	0.6 40
MOBILE CHANNEL	32.7	39.4	37.6	7-08	600	1.5 40
MOBILE TURNING BASIN	38.5	C40.0	40.0	7-08	200-675	0.4 40
BLAKELEY ISLAND REACH	A38.5	31.4	28.9	7-08	500	1.0 40
ST. LOUIS POINT REACH	19.8	24.7	20.4	8-07	500	0.2 25
CHICKASAW CREEK CHANNEL	16.2	24.3	20.3	2-08	250	2.7 25
ARLINGTON CHANNEL	14.6	16.7	14.9	7-08	150	1.4 27
OCEAN TERMINAL TURNING BASIN	15.1	18.4	12.1	6-05	600	0.1 27
THEODORE SHIP CHANNEL:						
BAY CUT	36.9	38.2	37.2	6-07	400	4.5 40
ANCHORAGE AREA	37.4	38.7	39.6	6-07	300	0.2 40
LAND CUT	37.2	39.3	B37.1	6-07	300	1.5 40
TURNING BASIN	39.1	40.7	36.0	6-07	1400	0.3 40
BARGE CHANNEL	1.1	4.7	8.1	4-08	100	1.1 12

A. EXCEPT FOR A DANGEROUS WRECK LOCATED AT 30°43'27.0"N 88°02'33.0"W.  
 B. ROCK OBSTRUCTIONS REPORTED FROM BUOY '20', CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD.  
 MINIMUM DEPTH OVER ROCKS IS 38 FEET.  
 C. OBSTRUCTION WITH A REPORTED DEPTH OF 20 FT AT 30°42'37.9"N 88°02'19.1"W.  
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11377

NM 48/08

MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2008 AND SURVEYS TO JUL 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL	44.7	46.8	42.0	7-08	600	7.0 47
MOBILE BAY:						
LOWER REACH (TO LIGHT 50)	41.4	42.9	42.7	7-08	400	11.8 45
UPPER REACH	39.4	45.0	38.2	7-08	400	13.4 40-45
THEODORE SHIP CHANNEL:						
BAY CUT	36.9	38.2	37.2	6-07	400	4.5 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11380

NM 48/08

MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2008 AND SURVEYS TO JUL 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
MOBILE BAY:						
LOWER REACH (TO LIGHT 50)	41.4	42.9	42.7	7-08	400	11.8 45
UPPER REACH	39.4	45.0	38.2	7-08	400	13.4 40-45
THEODORE SHIP CHANNEL:						
BAY CUT	36.9	38.2	37.2	6-07	400	4.5 40
ANCHORAGE AREA	37.4	38.7	39.6	6-07	300	0.2 40
LAND CUT	37.2	39.3	A37.1	6-07	300	1.5 40
TURNING BASIN	39.1	40.7	36.0	6-07	1400	0.3 40
BARGE CHANNEL	1.1	4.7	8.1	4-08	100	1.1 12

A. ROCK OBSTRUCTIONS REPORTED FROM BUOY '20', CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD.  
 MINIMUM DEPTH OVER ROCKS IS 38 FEET.  
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**SECTION I**

NM 48/08

**Chart 11389**

NM 48/08

PORT ST. JOE AND PANAMA CITY HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
PORT ST. JOE HARBOR						
ENTRANCE CHANNEL	29.3	29.7	18.6	6-08	300-500	8.0 35-37
NORTH CHANNEL	25.8	26.1	26.0	6-08	300	4.1 35
TURNING BASIN	21.3	23.4	23.6	6-08	650	0.3 32
HARBOR CHANNEL	24.7	23.4	23.6	6-08	250	0.3 35
PANAMA CITY HARBOR						
ENTRANCE CHANNEL	35.2	36.0	36.0	5-08	450-300	2.1 38-36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**Chart 11393 (Side A)**

NM 48/08

PORT ST. JOE HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
PORT ST. JOE HARBOR						
ENTRANCE CHANNEL	29.3	29.7	18.6	6-08	300-500	8.0 35-37
NORTH CHANNEL	25.8	26.1	26.0	6-08	300	4.1 35
TURNING BASIN	21.3	23.4	23.6	6-08	650	0.3 32
HARBOR CHANNEL	24.7	23.4	23.6	6-08	250	0.3 35

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**Chart 11493**

NM N48/08

ST. MARYS ENTRANCE AND CUMBERLAND SOUND CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2006 AND SURVEYS TO MAR 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)
ENTRANCE CHANNEL	47.4	47.8	47.6	38.6	3-08	500 8.3 46
RANGE A	43.1	45.9	44.9	42.0	10-07	482 1.34 42
RANGE A1, A2	46.1	43.6	41.4	41.0	10-07	591-834 0.66 42
RANGE B	47.1	47.3	47.5	42.7	10-07	582-655 0.55 42
RANGE C	32.9	43.7	46.0	42.1	10, 11-07	498 1.19 42
RANGE D	33.7	43.8	43.3	39.9	10, 11-07	489-498 1.35 42
RANGE E	45.9	51.1	51.2	46.2	10, 11-07	512 0.87 42
RANGE F (WARRIOR REACH)	31.6	41.8	43.4	41.4	10, 11-07	564-836 0.25 42
RANGE G (SOUTH TURNING BASIN)	25.4	42.6	44.3	43.1	10, 11-07	661-1181 0.49 42
RANGE H (TENNESSEE REACH)	24.5	44.0	42.3	40.5	10, 11-07	482-1197 0.83 42
RANGE I (NORTH TURNING BASIN)	41.1	42.5	43.7	36.9	10, 11-07	493-1425 0.46 42

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**SECTION I**

NM 48/08

**Chart 11494**

NM N48/08

ST. MARYS ENTRANCE AND CUMBERLAND SOUND CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2006 AND SURVEYS TO MAR 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL	47.4	47.8	47.6	38.6	3-08	500 8.3 46
RANGE A	43.1	45.9	44.9	42.0	10-07	482 1.34 42
RANGE A1, A2	46.1	43.6	41.4	41.0	10-07	591-834 0.66 42
RANGE B	47.1	47.3	47.5	42.7	10-07	582-655 0.55 42
RANGE C	32.9	43.7	46.0	42.1	10, 11-07	498 1.19 42
RANGE D	33.7	43.8	43.3	39.9	10, 11-07	489-498 1.35 42
RANGE E	45.9	51.1	51.2	46.2	10, 11-07	512 0.87 42

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**Chart 11503**

NM 48/08

ST. MARYS ENTRANCE AND CUMBERLAND SOUND CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2006 AND SURVEYS TO MAR 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL	47.4	47.8	47.6	38.6	3-08	500 8.3 46
RANGE A	43.1	45.9	44.9	42.0	10-07	482 1.34 42
RANGE A1, A2	46.1	43.6	41.4	41.0	10-07	591-834 0.66 42
RANGE B	47.1	47.3	47.5	42.7	10-07	582-655 0.55 42
RANGE C	32.9	43.7	46.0	42.1	10, 11-07	498 1.19 42
RANGE D	33.7	43.8	43.3	39.9	10, 11-07	489-498 1.35 42
RANGE E	45.9	51.1	51.2	46.2	10, 11-07	512 0.87 42
RANGE F (WARRIOR REACH)	31.6	41.8	43.4	41.4	10, 11-07	564-836 0.25 42
RANGE G (SOUTH TURNING BASIN)	25.4	42.6	44.3	43.1	10, 11-07	661-1181 0.49 42
RANGE H (TENNESSEE REACH)	24.5	44.0	42.3	40.5	10, 11-07	482-1197 0.83 42
RANGE I (NORTH TURNING BASIN)	41.1	42.5	43.7	36.9	10, 11-07	493-1425 0.46 42

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**Chart 18649**

NM 48/08

SAN FRANCISCO BAY TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2008						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
MAIN SHIP CHANNEL: ENTRANCE	50.0	54.0	55.0	53.0	3-08	2000 4.3 55

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION



















**SECTION II**  
**NGA/DLIS CATALOG CORRECTIONS**

NM 48/08

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
11ACO11520 (7642014010114)	Cape Hatteras to Charleston (LORAN-C)	432,720	<u>43</u>	<u>10/08</u>	NOS	48/08		
12BHA12255 (7642014010346)	Little Creek	5,000	<u>17</u>	<u>10/08</u>	NOS	48/08		
15BCO15560 (7642014010777)	<u>Can. 7067, Spicer Islands to West Entrance of Fury and Hecla Strait</u>	500,000	<u>1</u>	4/71	CHS	48/08		
18AHA18773 (7642014011538)	San Diego Bay	12,000	<u>41</u>	<u>10/08</u>	NOS	48/08		
REGION 2								
21BHA21338 (7642014011739)	Puerto Vallarta <u>20 34 57N 105 17 47W</u> <u>20 40 32N 105 13 30W</u>	10,000	<u>4</u>	<u>10/08</u>	A	48/08		
REGION 7								
<u>74BHA74342</u> (7642015366782)	<u>Aus. 24, Port Darwin Wickham Point</u> <u>12 32 00S 130 48 06E</u> <u>12 26 00S 130 51 42E</u>	10,000	<u>1</u>	<u>11/07</u>	AHS	48/08		
74AHA74393 (7642014013635)	Canceled Note: Replaced by Chart 74397 announced in NM 47/06 & Chart 74399 announced in NM 45/06					48/08		
74BHA74398 (7642015273232)	<u>Aus. 28, Port Darwin East Arm</u> <u>12 31 42S 130 50 12E</u> <u>12 27 18S 130 57 18E</u>	12,500	<u>2</u>	<u>5/08</u>	AHS	48/08		
74ACO74431 (7642015273113)	Aus. 315, Darwin to Penguin Shoal (Western Sheet)	300,000	<u>2</u>	<u>5/08</u>	AHS	48/08		
74ACO74451 (7642015273112)	Aus. 319, Penguin Shoal to Browse Island	300,000	<u>2</u>	<u>5/08</u>	AHS	48/08		
<u>75BHA75268</u> (7642015663740)	<u>Aus. 194, Port Kembla including Wollongong Harbour</u> <u>34 28 48S 150 52 43E</u> <u>34 26 41S 150 57 06E</u> Inset: Wollongong Harbour <u>34 25 28S 150 54 06E</u> <u>34 24 36S 150 55 02E</u>	6,000	<u>1</u>	<u>9/07</u>	AHS	48/08		
REGION 9								
93ACO93036 (7642014014011)	Mui Da Nang to Shenquan Gang	1,035,000	<u>11</u>	<u>5/08</u>	A	48/08		
97BHA97283 (7642014014382)	Oita-ko	10,009	<u>4</u>	<u>9/08</u>	DS	48/08		
MISCELLANEOUS CHARTS AND PUBLICATIONS								
DNCDX017 (7644014337969)	Eastern United States		<u>42</u>	<u>9/08</u>	DS	48/08		
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)		<u>85</u>	<u>9/08</u>	DS	48/08		

Price Categories effective 1 October 2008

A	20.75	E	10.50
D	12.75	F	10.50
		G	6.00
		H	10.50

**SECTION II**  
**NGA/DLIS CATALOG CORRECTIONS**

CHS Canadian Hydrographic Service  
DS Distribution Limited  
GPO Government Printing Office  
NOS National Ocean Service  
UKHO United Kingdom Hydrographic Office  
DHO Danish Hydrographic Office  
AHS Australian Hydrographic Service  
\* Not for sale or reproduction outside U.S.A.

To locate the nearest FAA Sales Agents in your area, go to: <http://naco.faa.gov/agents.asp>

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

For questions concerning the availability and distribution of announced hardcopy charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

## SECTION II

NM 48/08

### NAVIGATION PUBLICATIONS

#### COAST PILOT CORRECTIONS

**COAST PILOT 2      38 Ed 2009      Change No. 1  
LAST NM 47/08**

Page 235—Paragraph 308, lines 2 to 6; read:  
of Clarks Point, is marked by a prominent round hill.  
(CL 850/08; NOS 13230)                          48/08

Page 244—Paragraph 68, lines 6 to 7; read:  
the remainder of the center span. A racon is at the bridge.  
(43/08 CG1; NOS 13223)                          48/08

Page 258—Paragraph 289, lines 6 to 8; read:  
engine repairs are available. The largest lift, on the east side  
of the cove about 0.3 mile above the mouth, can handle craft  
up to 70 tons.  
(CL 988/08)    48/08

Page 270—Paragraph 114, line 8; read:  
of Montauk. The yacht club can be contacted at 631-668-  
5052.  
(DB 17217)    48/08

Page 277—Paragraph 226, line 4; read:  
reported controlling depth of 6 feet in 2008. The entrance ...  
(DB 17175)    48/08

Page 278—Paragraph 231, lines 9 to 13; read:  
Creek. Berths, electricity, gasoline, diesel fuel, water, ice,  
marine supplies, launching ramp, a 6-ton forklift, 55-ton  
mobile hoist, storage facilities, and hull and engine repairs  
are available. In July 2008, a reported depth of 8 feet was  
available alongside. The marina monitors VHF-FM channel  
69.  
(DB 17171)    48/08

Page 307—Paragraph 273; read:  
**West River**, marked by buoys, is located on the west side  
of the main channel about 3 miles above Southwest Ledge  
Light. A Federal project provides for a depth of 12 feet to a  
point about 100 feet south of the first highway bridge  
(Kimberly Avenue Bridge), thence 8 feet to about 0.1 mile  
above the bridge; an anchorage area on the south side of the  
channel about 0.9 mile above the entrance has a project  
depth of 6 feet. (See Notice to Mariners and latest editions of  
charts for controlling depths.) Principal waterfront facilities  
are at **City Point**,

(CEM-New England/88;  
CL 999/08; BPs 192669-71)                          48/08

Page 335—Paragraph 226 to Paragraph 227, line 1; read:

**Davids Island**, southward of Davenport Neck, is owned  
by the city of New Rochelle. Reefs, partly bare at low water  
and marked by a lighted buoy, extend about 0.2 mile north-  
ward of the island. Davids Island is surrounded on its east  
and south ...  
(CL 1091/08)    48/08

Page 389—Paragraph 270, lines 7 to 12; read:  
westerly side of the harbor to the head. In June 2008, the  
controlling depths were 5.9 feet to a point abeam the  
southern tip of Crookes Point, thence shoaling to bare across  
the channel at Buoy 6, thence 3.9 feet at midchannel to the  
mouth of the harbor with shoaling to 0.5 foot along the east-  
erly side, thence 8.8 feet in the harbor channel to ...  
(CL 842/08; BPs 192572-76)                          48/08

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>MACHIAS BAY TO TIBBETT NARROWS (Chart 13326)</b>							
<b>Machias Bay</b>							
1120	Libby Island Light	44 34 06 N 67 22 03 W	Fl (2) W 20s	91	18		HORN: 1 blast ev 15s (2s bl).
						*	48/08
3235	CRIEHAVEN BREAKWATER LIGHT 8	43 50 05 N 68 53 33 W	Fl R 6s	32	5	TR on skeleton tower.	
		*					48/08
3325	SADDLEBACK LEDGE LIGHT	44 00 52 N 68 43 35 W	Fl W 6s	54	9	Gray conical tower.	HORN: 1 blast ev 10s (1s bl).
		*					48/08
4395	ISLEBORO FERRY TERMINAL LIGHT S	44 16 49 N 68 56 38 W	F W	20		On pile.	Private aid.
		*		*			48/08
4405	GRINDEL POINT LIGHT	44 16 53 N 68 56 35 W	Fl W 4s	39	4		
				*			48/08
4510	DELTA CHEMICAL COMPANY DOCKING FACILITY SOUTH LIGHT	44 27 01 N 68 52 08 W	Fl W 4s	9		On concrete platform.	Private aid.
		*					48/08
4515	DELTA CHEMICAL COMPANY DOCKING FACILITY NORTH LIGHT	44 27 13 N 68 52 08 W	Fl W 4s	9		On concrete platform.	Private aid.
		*					48/08
<b>Diamond Island Pass</b>							
7175	Diamond Island Pass Lighted Buoy 1	43 40 34 N 70 11 11 W	Fl G 2.5s	3	Green.		
		*					48/08
7361	Falmouth Special Anchorage Lighted Buoy A	43 44 11 N 70 11 40 W	Fl Y 4s		Yellow.		Private aid.
		*		*			48/08
7400	Royal River Channel Lighted Buoy 1	43 47 06 N 70 07 25 W	Fl G 4s	3	Green.		
						*	48/08
<b>Kennebunk River</b>							
8175	- Entrance Buoy 5	43 20 44 N 70 28 38 W			Green can.		
		*					48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8180	- Buoy 8	43 20 50 N 70 28 31 W				Red nun.	
		*					48/08
8185	- Buoy 9	43 20 55 N 70 28 27 W				Green can.	
		*					48/08
8190	- Buoy 10	43 21 00 N 70 28 25 W				Red nun.	
		*					48/08
8195	- Daybeacon 12	43 21 04 N 70 28 26 W				TR on spindle.	
							48/08
8196	- Buoy 12A	43 21 05 N 70 28 27 W				Red nun.	
		*					48/08
8205	- Buoy 15	43 21 25 N 70 28 33 W				Green can.	
		*					48/08
9476	- Buoy 47					Remove from list.	
						*	48/08
12810	- Buoy 11					Remove from list.	
						*	48/08
*15966	Menemsha Creek Buoy 4A	41 20 27 N 70 46 09 W				Red nun.	Private aid.
							48/08
21886	Electric Boat Security Zone Lighted Buoy A	41 20 23 N 72 04 53 W	Fl W 4s				Private aid.
		*			*	*	*
21887	Electric Boat Security Zone Lighted Buoy B	41 20 26 N 72 04 53 W	Fl W 4s				Private aid.
		*			*	*	*
21888	Electric Boat Security Zone Lighted Buoy C	41 20 27 N 72 04 56 W	Fl W 4s				Private aid.
		*			*	*	*
21889	Electric Boat Security Zone Lighted Buoy D	41 20 28 N 72 04 58 W	Fl W 4s				Private aid.
		*			*	*	*
21891	Electric Boat Security Zone Lighted Buoy E	41 20 31 N 72 05 00 W	Fl W 4s				Private aid.
		*			*	*	48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21892	Electric Boat Security Zone Lighted Buoy F	41 20 35 N 72 05 01 W	Fl W 4s				Private aid.  * * * 48/08
21893	Electric Boat Security Zone Lighted Buoy G	41 20 41 N 72 05 01 W	Fl W 4s				Private aid.  * * * 48/08
21901	Electric Boat Security Zone Lighted Buoy H	41 20 45 N 72 05 03 W	Fl W 4s				Private aid.  * * * 48/08
21910	GRAVING DOCK 3 NORTH LIGHT						Remove from list.  * 48/08
22011	New London Sub Base Barrier Lighted Buoy A	41 23 21 N 72 05 22 W	Fl Y 4s			White and orange.	Private aid.  * * * 48/08
22012	New London Sub Base Barrier Lighted Buoy B	41 23 20 N 72 05 21 W	Fl Y 4s			White and orange.	Private aid.  * * * 48/08
22013	New London Sub Base Barrier Lighted Buoy C	41 23 20 N 72 05 23 W	Fl Y 4s			White and orange.	Private aid.  * * * 48/08
22014	New London Sub Base Barrier Lighted Buoy D	41 23 22 N 72 05 27 W	Fl Y 4s			White and orange.	Private aid.  * * * 48/08
22015	New London Sub Base Barrier Lighted Buoy E	41 23 25 N 72 05 30 W	Fl Y 2s			White and orange.	Private aid.  * * * 48/08
22016	New London Sub Base Barrier Lighted Buoy F	41 23 28 N 72 05 32 W	Fl Y 4s			White and orange.	Private aid.  * * * 48/08
22017	New London Sub Base Barrier Lighted Buoy G	41 23 31 N 72 05 33 W	Fl Y 4s			White and orange.	Private aid.  * * * 48/08
22018	New London Sub Base Barrier Lighted Buoy H	41 23 33 N 72 05 35 W	Fl Y 4s			White and orange.	Private aid.  * * * 48/08
22019	New London Sub Base Barrier Lighted Buoy I	41 23 37 N 72 05 37 W	Fl Y 4s			White and orange.	Private aid  * * * 48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22019.1	New London Sub Base Barrier Lighted Buoy J	41 23 40 N 72 05 39 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.11	New London Sub Base Barrier Lighted Buoy K	41 23 43 N 72 05 41 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.12	New London Sub Base Barrier Lighted Buoy L	41 23 46 N 72 05 42 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.13	New London Sub Base Barrier Lighted Buoy M	41 23 50 N 72 05 43 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.2	New London Sub Base Barrier Lighted Buoy N	41 23 54 N 72 05 44 W	Fl W 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.3	New London Sub Base Barrier Lighted Buoy O	41 23 58 N 72 05 43 W	Fl W 4s			White and orange.	Private aid
	*	*	*		*	*	48/08
22019.4	New London Sub Base Barrier Lighted Buoy P	41 24 02 N 72 05 43 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.5	New London Sub Base Barrier Lighted Buoy Q	41 24 05 N 72 05 42 W	Fl Y 4s			White and orange	Private aid.
	*	*	*		*		48/08
22019.6	New London Sub Base Barrier Lighted Buoy R	41 24 08 N 72 05 43 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.7	New London Sub Base Barrier Lighted Buoy S	41 24 12 N 72 05 43 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.8	New London Sub Base Barrier Lighted Buoy T	41 24 15 N 72 05 41 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
22019.9	New London Sub Base Barrier Lighted Buoy U	41 24 16 N 72 05 37 W	Fl Y 4s			White and orange.	Private aid.
	*	*	*		*		48/08
30320	-Buoy 20	40 46 49 N 72 45 23 W				Red nun.	Replaced by nun from Nov. 1 to Apr. 15.
							*
							48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Kill Van Kull</b>							
37250	CONSTABLE HOOK RANGE FRONT LIGHT	40 39 12 N 74 05 17 W	F R	50		KRW on skeleton tower.	Lighted throughout 24 hours. Higher intensity beam on range line.
		*					48/08

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Kill Van Kull</b>							
6432	- LIGHT 230	37 18 33 N 75 54 03 W	F I R 4s	15	3	TR on multi-pile.	
		*					48/08
6530	- LIGHT 252	37 11 05 N 75 54 59 W	F I R 4s	15	3	TR on multi-pile structure.	Light equipment removed when endangered by ice.
		*					48/08
6535	- Daybeacon 254	37 10 57 N 75 55 06 W				TR on pile.	
		*					48/08
6545	- Daybeacon 255A	37 10 24 N 75 55 23 W				SG on pile.	
		*					48/08
6550	- Daybeacon 256	37 10 22 N 75 55 27 W				TR on pile.	
		*					48/08
6555	- Daybeacon 259	37 09 47 N 75 55 20 W				SG on pile.	
		*					48/08
6560	- Daybeacon 261	37 09 22 N 75 55 23 W				SG on pile.	
		*					48/08
6565	- LIGHT 262	37 08 49 N 75 55 15 W	Q R	15	3	TR on multi-pile structure.	Light equipment removed when endangered by ice.
		*					48/08
6580	- LIGHT 265	37 08 09 N 75 56 17 W	F I G 4s	15	4	SG on multi-pile structure.	Light equipment removed when endangered by ice.
		*					48/08
<b>Seagirt Marine Terminal East Channel</b>							
Buoys located 75 feet outside channel limit.							
21045	Seagirt Marine Terminal East Channel Lighted Buoy 2SE	39 14 19 N 76 32 37 W	F I R 4s		4	Red.	
		*					48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*29968	NEW RIVER JACKSONVILLE OUTFALL WARNING LIGHT A	34 45 35 N 77 26 23 W	Fl W 4s	6		NW on pile worded DANGER SUBMERGED PIPE.	Private aid.  48/08
*29968.1	NEW RIVER JACKSONVILLE OUTFALL WARNING LIGHT B	34 45 34 N 77 26 23 W	Fl W 6s	6		NW on pile worded DANGER SUBMERGED PIPE.	Private aid.  48/08
37605	- Daybeacon 113	36 24 41 N 75 57 08 W				SG-SY on pile.	
		*					48/08

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Add Heading: *Manchester Waterway</b>							
*20980.1	Manchester Waterway Daybeacon 1	26 57 43 N 82 07 49 W				SG on pile.	Private aid.  48/08
*20980.2	Manchester Waterway Daybeacon 2	26 57 41 N 82 07 50 W				TR on pile.	Private aid.  48/08
*20980.3	Manchester Waterway Daybeacon 3	59 57 38 N 82 07 46 W				SG on pile.	Private aid.  48/08
*20980.4	Manchester Waterway Daybeacon 4	26 57 36 N 82 07 46 W				TR on pile.	Private aid.  48/08
*20980.5	Manchester Waterway Daybeacon 5	26 57 18 N 82 07 45 W				SG on pile.	Private aid.  48/08
*20980.6	Manchester Waterway Daybeacon 6	26 57 17 N 82 07 46 W				TR on pile.	Private aid.  48/08
*20980.7	Manchester Waterway Daybeacon 7	26 57 16 N 82 07 46 W				SG on pile.	Private aid.  48/08
*20980.8	Manchester Waterway Daybeacon 8	26 57 17 N 82 07 49 W				TR on pile.	Private aid.  48/08
*20980.9	Manchester Waterway Daybeacon 9	26 57 12 N 82 07 50 W				SG on pile.	Private aid.  48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*20981	Manchester Waterway Daybeacon 10	26 57 11 N 82 07 54 W			TR on pile.		Private aid.  48/08
*20981.1	Manchester Waterway Daybeacon 11	26 57 11 N 82 08 12 W			SG on pile.		Private aid.  48/08
*20981.2	Manchester Waterway Daybeacon 12	26 57 12 N 82 08 13 W			TR on pile.		Private aid.  48/08
*20981.3	Manchester Waterway Daybeacon 12B	26 57 12 N 82 08 15 W			TR on pile.		Private aid.  48/08
*20981.4	Manchester Waterway Daybeacon 13	26 57 11 N 82 08 18 W			SG on pile.		Private aid.  48/08
*20981.5	Manchester Waterway Daybeacon 14	26 57 11 N 82 08 19 W			TR on pile.		Private aid.  48/08
*20981.6	Manchester Waterway Daybeacon 14B	26 57 11 N 82 08 21 W			TR on pile.		Private aid.  48/08
*20981.7	Manchester Waterway Daybeacon 15	26 57 11 N 82 08 24 W			SG on pile.		Private aid.  48/08
*20981.8	Manchester Waterway Daybeacon 16	26 57 11 N 82 08 24 W			TR on pile.		Private aid.  48/08
*20981.9	Manchester Waterway Daybeacon 17	26 57 11 N 82 08 25 W			SG on pile.		Private aid.  48/08
*20982	Manchester Waterway Daybeacon 18	26 57 25 N 82 08 26 W			TR on pile.		Private aid.  48/08
*20982.1	Manchester Waterway Daybeacon 18B	26 57 12 N 82 08 32 W			TR on pile.		Private aid.  48/08
*20982.2	Manchester Waterway Daybeacon 19	26 57 11 N 82 08 41 W			SG on pile.		Private aid.  48/08
*20982.3	Manchester Waterway Daybeacon 20	26 57 12 N 82 08 43 W			TR on pile.		Private aid.  48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*20982.4	Manchester Waterway Daybeacon 20B	26 57 11 N 82 08 47 W			TR on pile.		Private aid.  48/08
*20982.5	Manchester Waterway Daybeacon 21	26 57 10 N 82 08 49 W			SG on pile.		Private aid.  48/08
*20982.6	Manchester Waterway Daybeacon 22	26 57 11 N 82 08 49 W			TR on pile.		Private aid.  48/08
*20982.7	Manchester Waterway Daybeacon 23	26 57 11 N 82 08 52 W			SG on pile		Private aid.  48/08
*20982.8	Manchester Waterway Daybeacon 24	26 57 12 N 82 08 52 W			TR on pile.		Private aid.  48/08
*20982.9	Manchester Waterway Daybeacon 25	26 57 11 N 82 09 05 W			SG on pile.		Private aid.  48/08
*20983	Manchester Waterway Daybeacon 27	26 57 12 N 82 09 25 W			SG on pile.		Private aid.  48/08
*20983.1	Manchester Waterway Daybeacon 29	26 57 26 N 82 09 30 W			SG on pile.		Private aid.  48/08
*20983.2	Manchester Waterway Daybeacon 31	26 57 40 N 82 09 53 W			SG on pile.		Private aid.  48/08
*20983.3	Manchester Waterway Daybeacon 33	26 57 47 N 82 10 07 W			SG on pile.		Private aid.  48/08

### Corinaso Cove

33470	- Lighted Buoy 2	19 55 11 N Q R 75 09 12 W	3 Red.	
	*			48/08

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*2014	San Diego Bay Wreck Buoy WR32A	32 39 31 N Q R 117 07 38 W					Private aid.  48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10920	- UPPER RANGE REAR LIGHT 750 yards, 163.4° from front light.	45 58 20 N 122 50 13 W	Iso W 6s	45		KRB on skeleton tower.	Visible 14° each side of rangeline.
		*				*	48/08
16470	Point Wilson Lighted Buoy 6	48 09 11 N 122 45 38 W	Fl R 4s		3	Red.	
					*		48/08
<b>Unalaska Island</b>							
27450	ULAKTA HEAD LIGHT	53 55 27 N 166 30 31 W	Fl W 4s	61	5	NR on skeleton tower.	Obscured from 331° to 122°.
		*					48/08
28271.2	- BREAKWATER LIGHT 5	20 01 37 N 155 49 43 W	Fl G 6s	15	5	SG on post. 13	
					*		48/08
30730	- Lighted Buoy 3	13 27 14 N 144 39 15 E	Fl G 2.5s	G	3	Green.	
		*			*		48/08

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES, 2007

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1330	Hammond Sh Buoy Marks south side of shoal.	44 20 45 N 75 54 42 W				Green and red bands; can.	Maintained from Apr. 1 to Dec. 15. Aid maintained by SLSDC.
							*
							48/08
<b>TOLEDO HARBOR (Chart 14847)</b>							
<b>Maumee Bay</b>							
<i>Lighted buoys maintained from Apr. 7 to Dec. 14.</i>							
6030	Toledo Harbor Light	41 45 43 N 83 19 44 W	Iso W 6s	72 22	10		HORN: 1 blast ev 30s (3s bl). Operates from Apr. 1 to Dec. 1.
		*			*		48/08
<b>Minnesota Channel (Western Section)</b>							
<i>Buoys maintained from Apr. 28 to Oct. 21.</i>							
16255	- Buoy 20	46 43 06 N 92 12 01 W				Red nun.	
		*					48/08
16297	- Buoy 30	46 42 18 N 92 12 01 W				Red nun.	
		*					48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2008 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
816 <i>H 0010</i>	Tent Island, Mackenzie Bay.						Remove from list.
						*	* 48/08
2708 <i>H 0147</i>	Old Ferolle Harbour Range, front.						Remove from list.
						*	* 48/08
2712 <i>H 0147.1</i>	-Rear, about 84 meters 090° from front.						Remove from list.
						*	* 48/08
5748 <i>H 2522.5</i>	-Pointe Fortier.	45° 21.2' N F.Y. 73° 53.8' W		54 17	12	Skeleton tower, orange rectangular daymark.	Visible on bearing 024°. Visible at center of E. entrance to Beauharnois Lock. Seasonal. Operates at night only.
				*	*	*	* 48/08
16756 <i>J 6191</i>	-"E-1" Range, front, on E. breakwater.	11° 06.2' N Iso.Bu. 74° 50.9' W period 2s		16 5	8	Aluminum framework tower, white rectangular daymark, red stripe.	
				*	*	*	48/08
16760 <i>J 6191.1</i>	--"E-3" Rear, 310 meters 140°12' from front.	11° 06.1' N Iso.Bu. 74° 50.8' W period 4s		66 20	8	White tower, red bands, white rectangular daymark, red stripe.	
				*	*	*	48/08

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2008 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13288 <i>F 4761</i>	Kin Wan.						Remove from list.
						*	* 48/08
13292 <i>F 4761.4</i>	Ishikawa, breakwater, head.	26° 25.4' N Mo.(U)W. 127° 51.1' E period 8s		46 14	10		
			*		*		48/08
13296 <i>F 4759</i>	Ike Sima.	26° 23.9' N Iso.W.R. 127° 59.8' E period 6s		135 41	14	White round concrete structure; R. 242°-265°, W.-242°. 46.	
			*		*		48/08
13300 <i>F 4759.2</i>	Okinawa Sekiyukiti Sea Berth.	26° 23.4' N Mo.(U)W. 127° 58.5' E period 15s		135 41	4		Auxiliary lights Mo.(U)W. 15s at 280 meters ENE. and 310 meters SW.
			*		*		48/08
13300.5 <i>F 4759.25</i>	Okinawa Terminal Sea Berth.	26° 22.7' N Mo.(U)W. 127° 57.9' E period 12s		112 34	9		Auxiliary lights Mo.(U)W. 12s 240 meters NE. and 240 meters SW.
				*			48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2008 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13304 <i>F 4759.4</i>	Kin Nagakusuku Ko.	26° 21.7' N 127° 56.2' E	Q.(3)W. period 10s	24 7	7	E. CARDINAL BYB, beacon, topmark.	
		*			*		48/08
*13304.5 <i>F 4757.5</i>	Ikei Sima, S.	26° 22.5' N 127° 59.9' E	Fl.R. period 3s	18 5	3	STARBOARD (B) R, beacon, topmark.	
							48/08
13960.1 <i>F 4663.4</i>	-N. Outer Breakwater, head.	25° 09.3' N 121° 21.5' E	Fl.G. period 5s fl. 1s, ec. 4s	56 17	15	Green round concrete tower; 52.	
		*			*	*	
*30923 <i>D 7311.23</i>	Balhaf.	13° 58.9' N 48° 11.2' E	Fl.W. period 5s	295 90	20		
	RACON		B(- • • •)				48/08

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2008 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*20435.5 <i>E 4751.7</i>	--S. mole.	36° 25.2' N 28° 14.0' E	Fl.R. period 3s	36 11	3	Metal framework, gallery and metal column, red band.	
							48/08

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2008 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12508 <i>C 3602</i>	Sorgu Saar.	58° 11.0' N 24° 12.0' E	Fl.(2)W.R. period 9s fl. 1s, ec. 1s fl. 1s, ec. 6s	63 19	7	Red round brick tower; 53.	W. 101°-342°, R.-101°. Seasonal.
				*			48/08
12812 <i>C 3817</i>	-Rybnoy gavani.						Remove from list.
				*			48/08
12874 <i>C 3841.9</i>	-Miiduranna Harbor, Entrance Range, front.	59° 30.0' N 24° 48.9' E	Fl.(2)Bu. period 3s	43 13	2	Building, white rectangular daymark, black stripe; 36.	Visible 041°00'-050°36'.
					*		48/08
12874.1 <i>C 3841.91</i>	-Rear, 185 meters 044°24' from front.	59° 30.0' N 24° 49.0' E	Oc.Bu. period 5s	59 18	2	Building, white rectangular daymark, black stripe; 52.	Visible 036°36'-051°24'.
				*			48/08

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

NM 48/08

### PUBLICATIONS AFFECTED BY NOTICE TO MARINERS THROUGH NM 48/08

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
<b>NGA/DLIS CATALOGS CATCDLIMDIS</b>								
Region 1	2005	11*,12,13,14,15,16, 18,21,22,23,24,25, 26,27,28,29,31,32, 33,34,35,36,38,39, 40,41,42,43,45,46, 47,48,49,50,51, 53/05;2,3,4,5,6,8,9, 10,11,12,14,15,16, 17,19,20,21,25,26, 27,28,29,30,31,32, 33,34,35,36,37,38, 39,40,41,42,45,46, 48,49,50,51,52/06;1, 3,4,6,7,8,10,11,12, 13,14,17,19,20,22, 23,24,25,26,30,31, 32,33,34,36,37,38, 40,41,43,44,45,46, 47,49,50,51,52/07;1, 5,6,7,8,11,12,13,15, 16,17,18,19,20,21, 22,23,24,25,27,28, 30,31,32,33,34,36, 38,39,40,41,42,43, 44,46,47,48/08	Miscellaneous Charts and Publications	2005	11*,12,13,14,15,16, 18,19,20,21,22,24, 25,27,28,29,31,32, 33,35,36,37,38,39, 41,42,43,44,46,47, 48,50,52,53/05;1,3, 4,5,6,7,9,10,11,13, 14,15,16,17,18,19, 20,22,23,24,25,26, 27,28,29,30,31,32, 35,36,39,40,41,42, 44,45,46,49,50,51, 52/06;1,3,4,6,7,10, 13,17,18,19,21,22, 24,26,27,29,30,31, 32,33,34,35,36,37, 38,39,40,43,44,45, 46,47,48,49,50,51, 52/07;1,2,3,4,6,7,8, 9,10,11,12,13,14,16, 17,18,19,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 44,45,46,47,48/08	USCG LIGHT LIST VOLUMES I - VII	2007	46*,47,48,49,50,51, 52/07;1,3,4,5,6,7,8, 9,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,41, 42,43,44,45,46,47, 48/08
Region 2	2005	11*,25,41/05;8,12, 13,14,20,23,25,26, 27,29,31,37,39, 42/06;3,10,12,13,21, 24,32,34,51/07;21, 31,34,45,48/08	LLPUB110	2008	24*,26,28,30,31,33, 35,36,37,39,41,42, 45,46,48/08	COMDTM165022	2007	45*,46,47,48,49,50, 51,52/07;1,2,3,4,5,6, 7,8,9,10,11,12,13, 14,15,16,17,18,19, 20,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34,35,36,37, 38,39,40,41,42,43, 44,45,46,47,48/08
Region 3	2005	11*,12,13,14,16,17, 19,23,24,25,27,31, 32,34,35,37,40,45, 46,47,51/05;4,5,8, 12,15,17,18,20,21, 22,23,25,26,27,29, 30,32,40,42,43,47, 52/06;2,3,4,5,6,7,9, 11,12,13,14,20,21, 24,27,28,29,30,37, 38,42,44/07;6,7,8, 10,16,21,25,26,27, 31,32,33,36,37,38, 46/08	LLPUB111 LLPUB112 LLPUB113 LLPUB114 LLPUB115 LLPUB116	2008 2008 2008 2008 2008 2008	46/08* 38*,40,41,42,43,45, 46,47,48/08 47*,48/08 25*,29,30,35,38,39, 40,47/08 46/08* 45*,46,48/08	COMDTM165023	2007	45*,46,47,48,50,51, 52/07;1,3,4,5,7,8,9, 11,12,14,15,16,17, 18,20,21,22,23,24, 25,26,27,28,29,31, 32,33,34,35,36,37, 38,39,40,41,42,43, 44,45,46,47,48/08
Region 4	2005	11/05*;20,43/07;17, 20,25,43,45/08	PUB120 PUB123 PUB124 PUB125 PUB126	2008 2007 2007 2008 2008	38/08* 36/07* 34/07* 4/08* 40/08*	COMDTM165024	2007	45*,46,47,48,49,50, 51,52/07;1,2,3,4,5,6, 7,8,9,10,11,12,13, 14,15,16,18,19,20, 21,22,23,24,25,26, 27,28,29,30,31,32, 33,34,35,36,37,38, 39,40,41,42,43,44, 46,47/08
Region 5	2005	11*,14,18,20,22,23, 28,36,41,43,45, 49/05;4,5,7,9,10,12, 14,27,32,45/06;3,20, 23,25,28,30,31, 41/07;8,13,17,20,22, 25,29,31,33,36,38, 40/08	PUB127 PUB131 PUB132 PUB140 PUB141 PUB142 PUB143 PUB145 PUB146 PUB147	2008 2008 2008 2008 2007 2007 2008 2007 2008 2007	38/08* 29/08* 31/08* 35/08* 36/07* 45/07* 46/08* 52/07* 8/08* 48/07*	COMDTM165025 COMDTM165026	2008 2007	44/08* 46*,47,48,49,50,51, 52/07;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21,22,23,24,25,26, 27,28,29,30,31,32, 33,34,35,36,37,38, 39,40,41,42,43,44, 45,47,48/08
Region 6	2005	11*,18,23,28,43,46, 52/05;5,7,10,12,14, 16,25,30,35,36,40, 41,42,43,45,50/06;3, 6,7,10,12,20,28,30, 33,35,39,41,42, 50/07;3,7,8,11,13, 15,20,22,32,34,37, 43,45,46/08	PUB128 PUB133 PUB134 PUB140 PUB141 PUB142 PUB143 PUB145 PUB146 PUB147	2008 2007 2007 2008 2007 2007 2008 2007 2008 2007	51/07* 47/07* 34/07* 47/07* 23/08* 29/08* 39/08* 43/08* 35/08* 48/07*	DIGITAL PUBS - QUARTERLY	2008	N46/08*
Region 7	2005	11*,14,43,47,52/05; 12,14,15,17,18,19, 20,21,25,27,35,42, 45,46,47,48,49, 52/06;3,4,8,9,10,11, 12,13,14,15,16,17, 18,19,20,23,30,34, 35,36,39,42,50/07;1, 7,10,16,17,20,22,25, 26,37,42,43,48/08	PUB153 PUB154 PUB155 PUB157 PUB158 PUB159 PUB160 PUB161 PUB162 PUB163	2007 2007 2007 2008 2008 2008 2008 2008 2008 2007	47/07* 34/07* 47/07* 23/08* 29/08* 39/08* 43/08* 35/08* 17/08* 2/08*	FLEET GUIDES	2005 2004	N28/05* N17/04*
Region 8	2005	11*,23,53/05;15,16, 25,32,35,39,52/06; 10,20,23,39,40, 41/07;8,21,36,39/08	PUB164 PUB171 PUB172 PUB173 PUB174 PUB175 PUB176 PUB180 PUB181 PUB182	2007 2008 2008 2007 2008 2008 2008 2008 2008 2007	2/08* 47/08* 37/08* 32/07* 31/08* 23/08* 40/08* 37/08* 31/07*	NOS MISCELLANEOUS PUBLICATIONS	2007 2007 2007 2007 2007	13/07* 6/07* 6/07* 29/07* 17/07*
Region 9	2005	11*,43,47,52/05;2,4, 5,8,21,22,25,27,29, 32,39,40,42,45/06;3, 4,7,10,13,21,22,28, 29,34,38,40,41, 50/07;3,7,8,10,17, 19,20,24,25,32,33, 34,36,38,43,45, 48/08	PUB192 PUB193 PUB194 PUB195 PUB200	2007 2008 2008 2008 2007	32/07* 44/08* 23/08* 45/08* 47/07*	ALMANACS	2009	25/08*
			AIRALMANAC901 NAUTALMANAC09			NOSPCP1	38	17*,18,25,27,28,29, 30,34,35,37,38,43, 45,46/08
						NOSPCP2	38	47*,48/08
						NOSPCP3	41	7*,8,14,15,18,20,23, 24,27,28,29,34,39, 42,46/08
						NOSPCP4	40	39*,42,45,46/08
						NOSPCP5	36	24*,25,30,35,38,43, 46/08

## SECTION II

**PUBLICATIONS AFFECTION BY NOTICE TO MARINERS  
THROUGH NM 48/08**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
NOSPBCP6	38	14*,17,32,46/08		
NOSPBCP7	40	1*,7,15,16,17,25,32, 34,40/08		
NOSPBCP8	30	37*,38,41,42/08		
NOSPBCP9	26	29*,30,31,34,38, 42/08		
<b>RADIO NAVIGATIONAL AIDS</b>				
PUB117	2005	4/05*		
<b>AMERICAN PRACTICAL NAVIGATOR</b>				
NVPUB9	2002	36/02*;14,38/03; 40/05		
<b>INTERNATIONAL CODE OF SIGNALS</b>				
PUB102	2003	20/03*		
<b>WORLD PORT INDEX</b>				
PUB150	2005	7/05*		
<b>DISTANCES BETWEEN PORTS</b>				
NVPUB151	2001	4/02*		
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b>				
CDPUBNV1310	2001	51/01*		
<b>SIGHT REDUCTION TABLES (MARINE)</b>				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
<b>SIGHT REDUCTION TABLES (AIR)</b>				
SRPUB249V1	2007	38/07*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
<b>CHART NO. 1</b>				
WOBZC1	1997	18/98*		
<b>CHART NO. 4</b>				
WOBZC4	1988	N23/91*		
<b>ATLAS OF PILOT CHARTS</b>				
NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
<b>USCG NAVIGATION RULES</b>				
COMDTM166722D	1999	44/99*;52/00;16/04		
<b>NOS TIDE TABLES</b>				
NOSPBTTCWPACIN8	2008	N4/08*		
NOSPBTTECSTNSA8	2008	N4/08*		
NOSPBTTEURAFR8	2008	N4/08*		
NOSPBTWCSTNSA8	2008	N4/08*		
<b>TIDAL CURRENT TABLES</b>				
NOSPBTCTATCSTN8	2008	N4*,N15,N20/08		
NOSPBTCTPACAS8	2008	N4/08*		

## SECTION III

NM 48/08

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 201000Z November 2008:

2007 series	134(28)	394(15)	456(GEN)	479(26)
123(24)	135(28)	412(GEN)	471(25)	481(25)
302(28)	180(28)	431(GEN)	472(GEN)	482(25)
2008 series	248(28)	445(24)	473(GEN)	

The summary of all NAVAREA IV messages in force as of 20 December 2007 is given in Section III of NM 52/07. Warnings issued during the subsequent quarters are issued in NM 13/08, 26/08 and 39/08.

#### NAVAREA IV WARNINGS issued from 131100Z to 201000Z November 2008.

470/08. CANCELED.

471/08(25). CARIBBEAN SEA. DOMINICA PASSAGE.

1. DERELICT NINE METER M/V, PARTIALLY SUBMERGED AND ADRIFT VICINITY 15-43N 061-25W.
2. CANCEL THIS MSG 21 NOV.

(141742Z NOV 2008)

472/08(GEN). GPS SATELLITE SYSTEM.

1. PRN 27 UNUSABLE 201200Z TO 211400Z NOV.
2. CANCEL THIS MSG 211500Z NOV.

(142150Z NOV 2008)

473/08(GEN).

1. NAVAREA IV MESSAGES IN FORCE 150800Z NOV 2008. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2008 SERIES: 412(GEN), 431(GEN), 444(51), 445(24), 456(GEN), 461(51), 463(14), 471(25), 472(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 20 DEC 2007 IS GIVEN IN SEC III OF NM 52/07. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/08, 26/08 AND 39/08.
3. CANCEL NAVAREA IV 458/08, 464/08.

(150949Z NOV 2008)

474/08 thru 478/08. CANCELED.

479/08(26). NORTH ATLANTIC. HISPANIOLA.

1. DERELICT 172 FOOT BARGE ADRIFT IN 20-47.13N 071-52.30W.
2. CANCEL THIS MSG 24 NOV.

(172207Z NOV 2008)

480/08. CANCELED.

481/08(25). PUERTO RICO.

- NGA CHART 25640 (42ND ED).
1. ISABELLA DGPS STATION 18-28.0N 067-04.3W UNUSABLE 191300Z TO 192300Z, 201300Z TO 202300Z AND 211300Z TO 212300Z NOV.
  2. CANCEL THIS MSG 220001Z NOV.

(182139Z NOV 2008)

482/08(25). PUERTO RICO.

- NGA CHART 25640 (42ND ED).
1. ISABELLA DGPS STATION 18-28.0N 067-04.3W UNUSABLE 221300Z TO 222300Z NOV.
  2. CANCEL THIS MSG 230001Z NOV.

(191252Z NOV 2008)

## SECTION III

### HYDROLANTS

Messages in force 201000Z November 2008:

2007 series	1220(44)	1717(52)	1847(24)	1931(37)	1982(24)
1924(24)	1253(51,52)	1724(55)	1852(37)	1933(24)	1983(51)
1952(56)	1262(35)	1728(37)	1870(56)	1945(24)	1984(53)
2158(24)	1309(35)	1736(53,56)	1879(56)	1948(44)	1986(24)
2008 series	1352(51,52)	1746(36)	1880(36)	1949(36)	1987(36)
57(35,43)	1354(24)	1757(44)	1881(52)	1956(24)	1988(24)
85(57)	1463(24)	1775(56)	1882(52,53,56)	1962(36)	1993(24)
182(54)	1468(57)	1776(GEN)	1901(36,37)	1964(36)	1994(24)
198(54)	1570(44)	1806(57)	1902(37)	1967(GEN)	1995(24)
515(54)	1585(24)	1810(53)	1907(24)	1968(37)	1996(24)
563(37)	1639(51,52)	1811(52)	1909(52,53)	1969(GEN)	1997(53,56)
889(35)	1666(24)	1816(53,54)	1911(GEN)	1971(37)	1998(52)
942(23,24)	1670(56)	1817(37)	1912(35)	1974(24)	1999(37)
1123(35)	1681(36)	1818(56)	1916(24)	1975(23)	
1141(35)	1687(GEN)	1831(51)	1917(24)	1976(57)	
1213(37)	1690(24)	1837(56)	1928(56)	1977(23)	

The summary of all HYDROLANTS in force as of 20 December 2007 is given in Section III of NM 52/07.  
Warnings issued during the subsequent quarters are issued in NM 13/08, 26/08 and 39/08.

#### **HYDROLANT WARNINGS issued from 131100Z to 201000Z November 2008.**

1949/08(36). ENGLAND-NORTHWEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V CGG VENTURER TOWING FOUR 1.5 MILE LONG CABLES  
IN AREA BETWEEN  
54-10.5N 54-01.0N AND 003-27.5W 003-51.0W.  
THREE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1940/08.

(131213Z NOV 2008)

1950/08 thru 1955/08. CANCELED.

1956/08(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 NOV  
BY M/V VERITAS VANTAGE TOWING EIGHT  
6500 METER LONG CABLES IN AREA BETWEEN  
00-20.05N 00-07.00S AND 044-36.19W 044-45.25W.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 DEC.

(140134Z NOV 2008)

1957/08 thru 1961/08. CANCELED.

1962/08(36). SCOTLAND-SOUTHWEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE BY M/V NOORDHOEK SINGAPORE WITH  
SUBMERSIBLE VICINITY OF TRACKLINE BETWEEN  
54-51.4N 005-45.0W AND 54-58.9N 005-11.0W.  
WIDE BERTH REQUESTED.

(140848Z NOV 2008)

1963/08. CANCELED.

1964/08(36). IRISH SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V JEAN CHARCOT TOWING 1500 METER LONG CABLE  
IN AREA BETWEEN  
53-06.0N 53-12.5N AND 005-23.6W 005-39.8W.  
WIDE BERTH REQUESTED.

(141605Z NOV 2008)

1965/08 and 1966/08. CANCELED.

1967/08(GEN). GPS SATELLITE SYSTEM.

1. PRN 27 UNUSABLE 201200Z TO 211400Z NOV.
2. CANCEL THIS MSG 211500Z NOV.

(142153Z NOV 2008)

## SECTION III

1968/08(37). FRANCE-NORTHWEST COAST.

NGA CHART 37050 (9TH ED).

1. NORTHEAST BUOY 49-00N 005-24W UNLIT.

2. CANCEL HYDROLANT 1936/08, OPERATIONS COMPLETED.

(150645Z NOV 2008)

1969/08(GEN).

1. HYDROLANT MESSAGES IN FORCE 150800Z NOV 2008. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2008 SERIES: 1639(51,52), 1666(24), 1670(56), 1681(36), 1687(GEN), 1690(24), 1707(37), 1717(52), 1724(55), 1728(37), 1736(53,56), 1746(36), 1757(44), 1775(56), 1776(GEN), 1806(57), 1810(53), 1811(52), 1816(53,54), 1817(37), 1818(56), 1831(51), 1837(56), 1839(51), 1847(24), 1852(37), 1870(56), 1879(56), 1880(36), 1881(52), 1882(52,53,56), 1901(36,37), 1902(37), 1906(24), 1907(24), 1909(52,53), 1911(GEN), 1912(35), 1916(24), 1917(24), 1928(56), 1930(51), 1931(37), 1932(57), 1933(24), 1934(37,43), 1937(24), 1941(36), 1942(23,29), 1944(24), 1945(24), 1946(24), 1948(44), 1949(36), 1952(24), 1954(24), 1955(24), 1956(24), 1958(24), 1959(24), 1962(36), 1964(36), 1966(54,56), 1967(GEN), 1968(37).

2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 20 DEC 2007 IS GIVEN IN SEC III OF NM 52/07. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/08, 26/08 AND 39/08.

3. CANCEL HYDROLANT 1725/08, 1804/08, 1845/08, 1867/08, 1894/08, 1895/08, 1918/08, 1957/08.

(150950Z NOV 2008)

1970/08. CANCELED.

1971/08(37). FRANCE-NORTHWEST COAST.

NGA CHART 37050 (9TH ED).

1. SOUTHWEST LANBY 48-30N 005-45W UNLIT

AND RACON INOPERATIVE.

2. CANCEL HYDROLANT 1707/08.

(151108Z NOV 2008)

1972/08 and 1973/08. CANCELED.

1974/08(24). BRAZIL-SOUTH COAST.

1. TWO 8000 METER LONG SEISMIC SURVEY CABLES ADRIFT IN 24-54S 042-28W AT 150130Z NOV.

2. CANCEL THIS MSG 22 NOV.

(151246Z NOV 2008)

1975/08(23). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED AT 150907Z NOV VICINITY:

A. 53-17S 041-17W.

B. 53-21S 041-40W.

2. CANCEL THIS MSG 22 NOV.

(151630Z NOV 2008)

1976/08(57). SOUTH ATLANTIC. AFRICA.

MAN OVERBOARD FROM MV AL JASSASIYA ALONG TRACKLINE BETWEEN 00-29.0N 008-34.5E AND 02-55.6S 008-41.8E.

VESSELS IN VICINITY REQUESTED TO KEEP A SHARP

LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO

JRCC PIRAEUS, TELEX: 601211588 OR 601211252,

PHONE: 30 210 411 2500 OR 30 210 422 0772,

FAX: 30 210 413 2398 OR 30 210 411 5798.

(151716Z NOV 2008)

1977/08(23). SOUTH ATLANTIC. ARGENTINA.

MAN OVERBOARD VICINITY 51-41S 63-53W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(160158Z NOV 2008)

1978/08 thru 1981/08. CANCELED.

1982/08(24). BRAZIL-SOUTH COAST.

MAN OVERBOARD FROM F/V MAYSA IN 25-47.28S 048-21.30W AT 151630Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(171049Z NOV 2008)

### SECTION III

NM 48/08

1983/08(51). EASTERN NORTH ATLANTIC. ORDNANCE.

1. TORPEDO FIRING EXERCISES 221100Z TO 221800Z NOV  
IN AREA BOUND BY 31-36N 021-58W,  
31-35N 023-14W, 31-05N 023-14W.
2. CANCEL THIS MSG 221900Z NOV.

(171142Z NOV 2008)

1984/08(53). MALTA CHANNEL.

1. CABLE LAYING OPERATIONS IN PROGRESS UNTIL 31 DEC  
BY M/V TELERI ALONG TRACKLINE BETWEEN  
35-57.02N 014-23.94E AND 37-39.55N 012-34.21E.
2. CANCEL THIS MSG 01 JAN 09.

(171358Z NOV 2008)

1985/08. CANCELED.

1986/08(24). BRAZIL-SOUTH COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 191300Z TO 192100Z AND  
201000Z TO 202000Z NOV IN AREA BOUND BY  
23-27.03S 043-52.03W, 23-30.03S 043-50.03W,  
24-08.03S 044-35.03W, 23-45.03S 044-44.03W.
2. CANCEL THIS MSG 202100Z NOV.

(181320Z NOV 2008)

1987/08(36). ENGLAND-NORTHWEST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V SEA SURVEYOR TOWING 1200 METER  
LONG CABLE IN AREA BETWEEN  
53-58N 53-54N AND 003-30W 003-23W.  
WIDE BERTH REQUESTED.

(181436Z NOV 2008)

1988/08(24). BRAZIL-NORTH COAST. GUNNERY.

1. GUNNERY EXERCISES 241100Z TO 241500Z NOV  
IN AREA BETWEEN  
03-34.33S 03-35.50S AND 038-40.00W 038-42.83W.
2. CANCEL THIS MSG 241600Z NOV.

(190337Z NOV 2008)

1989/08 thru 1992/08. CANCELED.

1993/08(24). BRAZIL-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 241100Z TO 241600Z NOV  
IN AREA BETWEEN  
13-20S 13-30S AND 038-30W 038-40W.
2. CANCEL THIS MSG 241700Z NOV.

(200056Z NOV 2008)

1994/08(24). BRAZIL-SOUTH COAST. GUNNERY.

1. GUNNERY EXERCISES 252100Z TO 260200Z NOV  
WITHIN 20 MILES OF:  
33-49S 051-34W.
2. CANCEL THIS MSG 260300Z NOV.

(200104Z NOV 2008)

1995/08(24). BRAZIL-SOUTH COAST.

F/V MESTRE CHICO ROMAO THREE PERSONS ON BOARD,  
UNREPORTED LAST KNOWN POSITION  
25-12.34S 044-46.38W AT 161500Z NOV. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO  
STATION.

(200112Z NOV 2008)

1996/08(24). BRAZIL-SOUTH COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 251100Z TO 251330Z NOV  
IN AREA BETWEEN  
27-00S 28-00S AND 046-50W 048-00W.
2. CANCEL THIS MSG 251430Z NOV.

(200424Z NOV 2008)

1997/08(53,56). LIBYA TO LAMPEDUSA.

VESSEL, 100 PERSONS ONBOARD, UNREPORTED  
LIBYA (32-54N 013-11E) TO LAMPEDUSA (35-30N 012-36E).  
VESSELS REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF  
POSSIBLE. REPORTS TO MRCC ROME, INMARSAT-C: 424744220,  
PHONE: 039 065 908 4527 OR 039 065 908 4409,  
FAX: 3 906 592 2737 OR 039 065 908 4793.

(200456Z NOV 2008)

SECTION III

1998/08(52). TUNISIA-EAST COAST.

1. M/V ADRIFT VICINITY 34-29N 010-53E AT 191935Z NOV.
2. CANCEL THIS MSG 27 NOV.

(200902Z NOV 2008)

1999/08(37). BAY OF BISCAY.

1. DERELICT F/V ANNE MURIEL ADRIFT IN 46-50N 004-16W.  
VESSELS IN VICINITY REQUESTED TO KEEP  
A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MRCC ETEL, TELEX: 42950519,  
PHONE: 3 329 755 3535, FAX: 3 329 755 4934,  
E-MAIL: ETEL@MRCCFR.EU.
2. CANCEL THIS MSG 27 NOV 08.

(200941Z NOV 2008)

**SECTION III****NAVAREA XII**

Messages in force 201000Z November 2008:

2007 series	348(21)	2008 series	91(21)	453(21)	482(18)
266(21)	376(21)	6(21)	146(21)	456(19)	483(18,21)
267(21)	377(21)	7(21)	360(21)	467(GEN)	
268(21)	378(21)	44(21)	420(GEN)	477(GEN)	
340(21)	379(21)	78(21)	439(GEN)	478(GEN)	

The summary of all NAVAREA XII messages in force as of 20 December 2007 is given in Section III of NM 52/07. Warnings issued during the subsequent quarters are issued in NM 13/08, 26/08 and 39/08.

**NAVAREA XII WARNINGS issued from 131100Z to 201000Z November 2008.**

473/08 thru 476/08. CANCELED.

477/08(GEN). GPS SATELLITE SYSTEM.

1. PRN 27 UNUSABLE 201200Z TO 211400Z NOV.
2. CANCEL THIS MSG 211500Z NOV.

(142151Z NOV 2008)

478/08(GEN).

1. NAVAREA XII MESSAGES IN FORCE 150800Z NOV 2008. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2008 SERIES: 420(GEN), 439(GEN), 453(21), 456(19), 467(GEN), 469(18), 477(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 20 DEC 2007 IS GIVEN IN SEC III OF NM 52/07. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/08, 26/08 AND 39/08.
3. CANCEL NAVAREA XII 468/08.

(150952Z NOV 2008)

479/08 thru 481/08. CANCELED.

482/08(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY IN AREA BOUND BY  
34-02N 119-04W, 33-52N 119-06W,  
33-29N 118-37W, 33-20N 118-37W,  
32-11N 120-16W, 31-54N 121-35W,  
35-09N 123-39W, 35-29N 123-00W,  
35-57N 121-32W, 34-04N 119-04W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 469/08.

(160951Z NOV 2008)

483/08(18,21). NORTH PACIFIC. CALIFORNIA.

NGA CHART 18766 (7TH ED).

1. POINT LOMA DGPS STATION 32-39.9N 117-14.6W UNUSABLE 201700Z TO 201800Z NOV.
2. CANCEL THIS MSG 201900Z NOV.

(182319Z NOV 2008)

484/08. CANCELED.

### SECTION III HYDROPACS

Messages in force 201000Z November 2008:

2006 series	240(GEN)	1616(74)	2067(83)	2190(63)	2255(71,93)
1018(63)	427(74)	1654(62)	2069(62)	2198(GEN)	2256(61)
2213(63)	529(91)	1669(74)	2074(GEN)	2204(22)	2257(75)
2434(63)	560(74)	1702(83)	2079(71)	2205(22)	2259(71)
2454(93)	606(63)	1812(61)	2095(83)	2212(97)	2260(63)
2007 series	748(81)	1831(62)	2104(63)	2219(83)	2261(76)
8(71)	835(62)	1910(62)	2110(97)	2221(62)	2262(71)
475(92)	889(93)	1923(93)	2111(74)	2223(62)	2264(61)
593(73)	906(71,93)	1933(22)	2116(83)	2226(61)	2266(62)
751(62)	1140(61)	1982(GEN)	2118(94)	2227(63)	2267(62)
998(22)	1141(61)	1996(96)	2123(71)	2233(61)	2272(83)
1284(71)	1253(22)	1998(71)	2125(95)	2236(74)	2273(22)
1394(94)	1272(97)	2003(63)	2126(95)	2241(62)	2274(22)
1725(93)	1301(71)	2005(83)	2127(95)	2243(63)	2275(22)
1915(76)	1329(62)	2010(61)	2132(61)	2244(63)	2277(71)
2100(63)	1334(71)	2011(74)	2138(63)	2245(63)	2278(97)
2008 series	1340(81)	2020(83)	2143(74)	2246(95)	2279(71)
44(GEN)	1345(92)	2028(61)	2146(95)	2247(GEN)	2280(22)
46(81)	1449(63)	2036(76)	2154(62)	2248(22)	2281(74)
47(81,82)	1473(61)	2039(16,19)	2161(95)	2249(83)	2282(74)
83(81)	1497(71)	2040(83)	2165(83)	2250(16,97)	2283(95)
97(81)	1502(71,72,92)	2043(62)	2174(94)	2251(GEN)	2284(GEN)
108(81)	1563(83)	2056(76)	2175(61)	2252(63)	
195(62)	1610(62)	2066(74)	2187(74)	2254(95)	

The summary of all HYDROPACS in force as of 20 December 2007 is given in Section III of NM 52/07.  
Warnings issued during the subsequent quarters are issued in NM 13/08, 26/08 and 39/08.

#### **HYDROPAC WARNINGS issued from 131100Z to 201000Z November 2008.**

2237/08 thru 2240/08. CANCELED.

2241/08(62). PERSIAN GULF. QATAR.

NGA CHART 62520 (6TH ED).  
DANGEROUS WRECK IN 25-18.1N 051-52.3E.

(140714Z NOV 2008)

2242/08. CANCELED.

2243/08(63). INDIA-WEST COAST. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 20 THRU 24 NOV  
WITHIN TWO MILES OF 14-44.50N 074-11.27E.
2. CANCEL THIS MSG 25 NOV.

(141421Z NOV 2008)

2244/08(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 MAY 09  
BY M/V WESTERN SPIRIT TOWING EIGHT  
6000 METER LONG CABLES IN AREA BETWEEN  
19-50N 19-22N AND 086-20E 087-10E.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 31 MAY 09.

(141432Z NOV 2008)

2245/08(63). ANDAMAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 JAN 09  
BY M/V GECO TOPAZ TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BOUND BY  
12-30.5N 093-45.0E, 12-30.0N 093-17.0E,  
11-40.0N 093-17.0E, 11-40.0N 093-06.0E,  
11-00.0N 093-06.0E, 11-00.0N 093-45.0E.  
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 FEB 09.

(141442Z NOV 2008)

2246/08(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0300Z TO 0600Z DAILY  
19 AND 21 NOV AND 200001Z TO 200900Z NOV  
IN AREA BETWEEN  
35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 210700Z NOV.

(141639Z NOV 2008)

## SECTION III

2247/08(GEN). GPS SATELLITE SYSTEM.

1. PRN 27 UNUSABLE 201200Z TO 211400Z NOV.
2. CANCEL THIS MSG 211500Z NOV.

(142154Z NOV 2008)

2248/08(22). CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 211200Z TO 212030Z NOV  
IN AREA BETWEEN  
32-20.0S 32-45.0S AND 071-51.3W 072-05.0W.
2. CANCEL THIS MSG 212130Z NOV.

(150305Z NOV 2008)

2249/08(83). SOUTH PACIFIC.

1. DERELICT 49 METER F/V TA CHING ADRIFT VICINITY  
06-07S 178-06E AT 132110Z NOV. REPORTS TO  
JRCC HONOLULU, TELEX: 392401, PHONE: 808 535 3333,  
FAX: 808 535 3338, E-MAIL: JRCCHONOLULU@USCG.MIL.
2. CANCEL HYDROPAC 2068/08(81), 2183/08 AND 2202/08,  
SIGNALS CEASED.
3. CANCEL HYDROPAC 2140/08.
4. CANCEL THIS MSG 22 NOV.

(150627Z NOV 2008)

2250/08(16,97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 AND 243.0 MHZ IN  
47-12.N 169-27.9E. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO US COAST GUARD KODIAK.

(150735Z NOV 2008)

2251/08(GEN).

1. HYDROPAC MESSAGES IN FORCE 150800Z NOV 2008. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2008 SERIES: 1982(GEN), 1996(96), 1998(71), 2002(96), 2003(63),  
2005(83), 2010(61), 2011(74), 2020(83), 2028(61), 2036(76),  
2039(16,19), 2040(83), 2043(62), 2056(76), 2066(74), 2067(83),  
2069(62), 2074(GEN), 2079(71), 2095(83), 2104(63), 2110(97),  
2111(74), 2116(83), 2118(94), 2123(71), 2125(95), 2126(95),  
2127(95), 2130(63), 2132(61), 2137(63), 2138(63), 2139(63),  
2143(74), 2146(95), 2149(63), 2154(62), 2161(95), 2165(83),  
2174(94), 2175(61), 2180(63), 2187(74), 2188(63), 2189(63),  
2190(63), 2198(GEN), 2204(22), 2205(22), 2212(97), 2214(71),  
2219(83), 2221(62), 2222(63), 2223(62), 2226(61), 2227(63),  
2229(23,29), 2232(76), 2233(61), 2236(74), 2240(95), 2241(62),  
2242(74), 2243(63), 2244(63), 2245(63), 2246(95), 2247(GEN),  
2248(22), 2249(83), 2250(16,97).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 20 DEC 2007  
IS GIVEN IN SEC III OF NM 52/07. WARNINGS ISSUED DURING THE  
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/08, 26/08 AND 39/08.
3. CANCEL HYDROPAC 1927/08, 1931/08, 1940/08, 1956/08, 2101/08,  
2109/08, 2203/08, 2218/08, 2228/08, 2234/08.

(150954Z NOV 2008)

2252/08(63). NORTHERN ARABIAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V GEOWAVE CHAMPION TOWING TEN  
7000 METER LONG CABLES IN AREA BOUND BY  
24-33.0N 065-20.3E, 24-33.0N 066-19.0E,  
24-27.0N 066-19.0E, 24-27.0N 066-17.3E,  
24-20.0N 066-17.3E, 24-20.0N 066-14.0E,  
24-16.0N 066-14.0E, 24-16.0N 066-12.0E,  
24-11.3N 066-12.0E, 24-11.3N 066-04.3E,  
23-56.0N 066-04.3E, 23-56.0N 066-30.0E,  
23-36.0N 066-30.0E, 23-36.0N 066-10.0E,  
23-50.0N 066-10.0E, 23-50.0N 066-00.0E,  
24-15.0N 066-00.0E, 24-15.0N 065-20.3E.  
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 2222/08.

(151118Z NOV 2008)

2253/08. CANCELED.

2254/08(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY  
20 AND 21 NOV IN AREA BOUND BY  
37-41-00N 125-39-30E, 37-37-20N 125-39-00E,  
37-30-45N 125-24-00E, 37-26-00N 125-24-00E,  
37-26-00N 125-04-00E, 37-32-15N 124-48-00E,  
37-38-40N 124-45-00E, 37-42-00N 124-45-00E,  
37-42-00N 124-56-00E, 37-37-30N 125-01-30E,  
37-34-00N 125-14-45E, 37-40-00N 125-32-00E.
2. CANCEL THIS MSG 210900Z NOV.

(151415Z NOV 2008)

### SECTION III

NM 48/08

2255/08(71,93). SOUTH CHINA SEA.

CABLE LAYING OPERATIONS 17 NOV UNTIL FURTHER  
NOTICE BY CABLESHIP RENE DESCARTES  
VICINITY OF TRACKLINE JOINING  
06-22.3N 108-12.1E, 06-42.0N 108-31.3E,  
06-54.5N 108-41.6E, 07-10.3N 109-03.4E,  
07-54.0N 109-42.4E, 08-03.0N 109-56.5E,  
08-06.5N 110-10.2E, 08-10.1N 110-17.2E,  
08-38.5N 110-27.7E.  
WIDE BERTH REQUESTED.

(151621Z NOV 2008)

2256/08(61). INDIAN OCEAN.

S/V INGRID, THREE PERSONS ON BOARD, ADRIFT AND  
IN NEED OF FUEL IN 01-01.7S 059-51.8E. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE, REPORTS TO MRCC SEYCHELLES,  
PHONE: 24 837 3001, 24 838 4053 OR 24 838 4052  
OR SEYCHELLES RADIO, TELEX: 09652263,  
PHONE: 24 837 5733.

(151835Z NOV 2008)

2257/08(75). AUSTRALIA-SOUTHEAST COAST.

43 METER F/V KAP FARVEL, BLACK HULL, SINKING  
VICINITY 41-00S 141-03E AT 160001Z NOV.  
VESSELS IN VICINITY REQUESTED TO KEEP  
A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO ANY COASTAL RADIO STATION.

(160220Z NOV 2008)

2258/08. CANCELED.

2259/08(71). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 DEC BY  
M/V AKADEMİK FERSMAN TOWING 8500 METER  
LONG CABLE IN AREA BETWEEN  
02-35N 06-45N AND 108-15E 110-15E.  
2. CANCEL THIS MSG 01 JAN 09.

(161028Z NOV 2008)

2260/08(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0900Z TO 1200Z AND 1230Z TO 1430Z  
DAILY 21 AND 25 NOV IN AREA BOUND BY  
09-57.5N 075-59.5E, 09-57.7N 076-14.2E,  
09-44.0N 076-17.5E, 09-42.5N 076-09.5E.  
2. CANCEL THIS MSG 251530Z NOV.

(161117Z NOV 2008)

2261/08(76). TASMAN SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V PACIFIC TITAN TOWING 8000 METER LONG CABLE  
IN AREA BETWEEN 38-40S 40-10S AND 171-30E 173-10E.  
FIVE MILE BERTH REQUESTED.

(162332Z NOV 2008)

2262/08(71). SINGAPORE STRAIT. PIRACY.

NGA CHART 71265 (4TH ED).  
1. FOUR PIRATES, ARMED WITH LONG KNIVES BOARDED  
A TUG TOWING A BARGE IN 01-11.1N 103-52.1E  
AT 101630Z NOV. THE PIRATES STOLE PERSONAL  
BELONGINGS OF THE CREW AND ESCAPED. NO INJURIES  
TO CREW MEMBERS. CAUTION ADVISED.  
2. CANCEL THIS MSG 01 DEC.

(170854Z NOV 2008)

2263/08. CANCELED.

2264/08(61). SOUTHERN INDIAN OCEAN.

CHART 70 (4TH ED).  
MOORINGS ESTABLISHED AT LEAST 75 METERS BELOW SURFACE:  
A. 46-31.3S 071-53.8E.  
B. 46-32.0S 071-53.0E.  
C. 46-31.9S 071-53.8E.  
D. 46-33.8S 071-51.8E.  
E. 46-34.0S 071-55.8E.

(171259Z NOV 2008)

2265/08. CANCELED.

## SECTION III

2266/08(62). NORTHERN PERSIAN GULF.

NGA CHART 62570 (4TH ED).

ISOLATED DANGER BUOY, FL (2) W 9 SEC,  
ESTABLISHED IN 29-10.43N 048-50.38E.

(181451Z NOV 2008)

2267/08(62). STRAIT OF HORMUZ.

NGA CHART 62393 (7TH).

1. LARA LIGHT, FL (2) 10 SEC 40 METERS 18 MILES,  
ESTABLISHED IN 26-53.15N 056-21.22E.  
2. ISOLATED DANGER BUOY 27-10.13N 056-17.17E REMOVED.

(181511Z NOV 2008)

2268/08 thru 2271/08. CANCELED.

2272/08(83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY  
22-15S 175-17W. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MARITIME OPERATIONS NEW ZEALAND,  
INMARSAT-C: 451200067, PHONE: 644 914 8333,  
FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(190749Z NOV 2008)

2273/08(22). CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 251800Z TO 252030Z NOV  
IN AREA BETWEEN  
36-15.0S 36-30.0S AND 073-56.5W 073-31.6W.  
2. CANCEL THIS MSG 252130Z NOV.

(190817Z NOV 2008)

2274/08(22). CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 241200Z TO 242300Z NOV  
IN AREA BETWEEN  
36-20.0S 36-30.0S AND 073-20.0W 073-12.5W.  
2. CANCEL THIS MSG 250001Z NOV.

(190827Z NOV 2008)

2275/08(22). CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 241700Z TO 242100Z NOV  
IN AREA BETWEEN  
19-05S 19-20S AND 070-46W 070-34W.  
2. CANCEL THIS MSG 242200Z NOV.

(190838Z NOV 2008)

2276/08. CANCELED.

2277/08(71). SOUTH CHINA SEA.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL  
17 DEC BY CABLESHIP ASEAN RESTORER IN AREA BETWEEN  
03-43.7N 03-53.7N AND 110-59.5E 111-01.5E.  
2. CANCEL HYDROPAC 2214/08.  
3. CANCEL THIS MSG 18 DEC.

(191307Z NOV 2008)

2278/08(97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN  
34-13-24N 154-38-58E AT 191200Z NOV. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(191314Z NOV 2008)

2279/08(71). MALAYSIA-SOUTHEAST COAST.

DISTRESS SIGNAL RECEIVED FROM M/V INDAH ABADI VICINITY  
02-05N 104-56E AT 191239Z NOV. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
SINGAPORE PORT OPERATIONS, TELEX: 20021, PHONE: 656 226 5539,  
FAX: 656 227 9971, E-MAIL: POCC@MPA.GOV.SG.

(191455Z NOV 2008)

2280/08(22). CHILE. RADIO SERVICES.

FELIX RADIO MF DSC OFF AIR. MAGALLANES  
RADIO ASSUMES CONTROL.

(200302Z NOV 2008)

### **SECTION III**

**NM 48/08**

2281/08(74). AUSTRALIA-NORTHEAST COAST.  
NGA CHART 74270 (3RD ED).  
MILES REEF LIGHT 14-32.4S 144-55.1E DISCONTINUED.

(200636Z NOV 2008)

2282/08(74). AUSTRALIA-NORTHWEST COAST.  
1. DERELICT 15 METER F/V, PARTIALLY SUBMERGED,  
MARKED WITH RADAR REFLECTOR, ADRIFT IN  
13-11.1S 123-53.5E AT 200500Z NOV.  
2. CANCEL THIS MSG 27 NOV.

(200715Z NOV 2008)

2283/08(95). YELLOW SEA. GUNNERY.  
1. GUNNERY EXERCISES 1000Z TO 1030Z DAILY  
24 THRU 26 NOV IN AREA BOUND BY  
37-41-00N 125-39-30E, 37-37-20N 125-39-00E,  
37-30-45N 125-24-00E, 37-26-00N 125-24-00E,  
37-26-00N 125-04-00E, 37-32-15N 124-48-00E,  
37-38-40N 124-45-00E, 37-42-00N 124-45-00E,  
37-42-00N 124-56-00E, 37-37-30N 125-01-30E,  
37-34-00N 125-14-45E, 37-40-00N 125-32-00E.  
2. CANCEL THIS MSG 261130Z NOV.

(200837Z NOV 2008)

2284/08(GEN). NORTH PACIFIC.  
1. LORAN-C NORTHWEST PACIFIC CHAIN,  
8930-Z, AND KOREAN CHAIN, 9930-Y.  
OFF AIR 250001Z TO 260800Z NOV.  
2. CANCEL THIS MSG 260900Z NOV.

(200845Z NOV 2008)

### **MARAD ADVISORIES**

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Web site (<http://www.nga.mil/maritime>), by referring to Section I (paragraph 50) of US Notice to Mariners 1/08 for those in-force as of 29 December 2007, or by contacting the Maritime Administration, Office of Security, Code MAR-420, Room W23-312, 1200 New Jersey Avenue S.E., Washington DC 20590, Telephone (202) 366-1883, FAX (202) 366-3954, Cell (202) 641-5071.

MARAD ADVISORIES in force 20 November 2008: 00-7, 05-1, 06-1, 07-1, 07-2, 08-1, 08-3, 08-4, 08-5, 08-6, 08-7, 08-8 and 08-9.

### **SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Web site (<http://www.nga.mil/maritime>) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/08 for those in-force as of 29 December 2007 and in Notice to Mariners 25/08.

SPECIAL WARNINGS in force 20 November 2008: 1, 29, 77, 81, 82, 89, 92, 107, 108, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123 and 124.

**MARINE INFORMATION****TRANSPORTATION WORKER IDENTIFICATION CREDENTIAL (TWIC)**

TWIC was established by Congress through the Maritime Transportation Act of 2002 (MTSA) and is administered by the Transportation Security Administration (TSA) and U.S. Coast Guard (USCG). TWICs are tamper-resistant biometric credentials that will be issued to ALL USCG CREDENTIALED MERCHANT MARINERS, as well as workers who require unescorted access to secure areas of ports, vessels, and outer continental shelf facilities.

By April 15, 2009, all USCG credentialed mariners will be required to hold a TWIC in order for their license, Merchant Mariner Document (MMD), Certificate of Registry (COR), or Standards of Training, Certification, and Watchstanding (STCW) endorsement to remain valid. Failure to obtain a TWIC may result in suspension or revocation of a mariner's credential under 46 U.S.C. 7702 and 7703.

To obtain a TWIC, an individual must visit an enrollment center where they will pay the enrollment fee, provide biographic information and a complete set of fingerprints, and sit for a digital photograph. Pre-enrollment is highly encouraged as it is designed to save the applicant time and provides the ability to make an appointment. You will need to pick up your TWIC, after being notified it is ready, at the same enrollment center where you applied. The cost for TWIC is \$132.50 and it is valid for 5 years. Mariners who already hold a USCG credential may pay a reduced fee of \$105.25, however, their TWIC will then expire when their USCG credential expires.

For more information on the TWIC program including enrollment locations please visit TSA's websites at <http://www.twicinformation.com/twicinfo/index.jsp> or <http://www.tsa.gov/twic>.

Additional information can be found on the Coast Guard's HOMEPORT website at <http://homeport.uscg.mil/twic>.

**NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY**

Since the mid-1990's, the National Geospatial-Intelligence Agency (NGA) has been working to improve digital navigation product support for the US Navy and other US Government users. The US Navy is transitioning to digital navigation, thus reducing the need for NGA to continue production of hardcopy charts. Therefore, NGA has begun a gradual transition from hardcopy chart production to a digital data maintenance environment. This notice is to advise mariners, chart agents, and other users of this strategy.

During the gradual transition from hardcopy charts to digital charts, NGA will continue to make certain hardcopy charts available only to US Government-approved entities, in accordance with US law or international agreement. These particular charts will be identified as "bilateral charts," since they are the product of international bilateral agreements and are duplicates of foreign copyright charts. Each bilateral chart will carry an NGA chart number, a National Stock Number (NSN), a bar code, and will show the number of any existing NGA chart that it replaces only when the chart is a one-for-one replacement. For those charts that are not a one-for-one replacement, no canceled chart number will appear. In the case where more than one new chart is being introduced to replace a single NGA chart, the existing chart will not be canceled until all new replacement charts have been announced in the Notice to Mariners.

Bilateral charts are the result of NGA international agreements and are duplicates of foreign copyrighted charts. The charts are printed in English, use metric units, refer to WGS-84 datum and are marked as "Distribution Limited." However, certain bilateral charts have not yet been converted to WGS-84 datum, and are of sufficiently large scale (generally larger than 1:50,000) where the difference from WGS-84 datum is noticeable. These exception charts are printed with datum shift values, which must be applied in order to plot GPS-derived positions correctly. The exception charts are scheduled for eventual conversion to WGS-84 datum; until this occurs, their chart numbers will appear bold-faced in the announcement list below.

Bilateral charts will contain references to host nation charts and publications, and may use symbology not yet found in US Chart No. 1. In most cases, NGA will not attempt to change these references to the equivalent US charts, publications or symbology. However, it should be noted that relevant maritime information referenced in a foreign publication can also usually be found within Sailing Directions, Notice to Mariners No. 1 (Special Paragraphs), List of Lights, Radio Navigational Aids, or Chart No. 1. Updates to Sailing Directions and other electronic publications can be made through the application of digital patch files (PDU files), available for download from the NGA Maritime Safety Web site.

As the US Navy completes its transition to digital navigation, the use of bilateral charts will be gradually phased out. Until then, Section II of the Notice to Mariners, NGA/DLIS Catalog Corrections, will contain information about specific bilateral charts being announced as well as cancellation of any existing charts that they replace. Update information for bilateral charts

**SECTION III**

will appear in Section I of the Notice to Mariners, Chart Corrections. Standard chart policy remains intact, in that NGA charts are not to be placed in service until their announcement appears in the US Notice to Mariners.

NGA has begun adopting bilateral charts in waters of Australia, Canada, and the UK, with additional countries to follow. What this further means is that NGA no longer provides certain hardcopy charts (i.e., those replaced by bilateral charts) for public sale. To obtain these hardcopy charts, civilian users will be required to purchase bilateral chart equivalents from their producer nations and their agents. Contact information for purchasing Australian, Canadian, and UK charts is listed below:

Australian Hydrographic Service Web site: <http://www.hydro.gov.au>

Australian Distribution Network: <http://www.hydro.gov.au/prodserv/distributors/distributors.htm>

Canadian Hydrographic Service Web site: <http://notmar.com/charts/index.php>

Canadian Sales Agents: <http://www.chs-shc.dfo-mpo.gc.ca/chs/en/Dealers/locate.htm>

UK Hydrographic Office Web site: <http://www.ukho.gov.uk>

UK Sales Agents: [http://www.ukho.gov.uk/list\\_of\\_agents.html](http://www.ukho.gov.uk/list_of_agents.html)

NGA standard (non-bilateral) charts and NOS charts can still be purchased from the FAA, National Aeronautical Charting Office. The following Web site can be used to search for FAA sales agents by geographic region:

United States NOAA/FAA Sales Agents: [http://www.naco.faa.gov/agents\\_acc.asp](http://www.naco.faa.gov/agents_acc.asp)

NGA issues this notice weekly. It will also appear in the “See What’s New” section of the Maritime Safety Web site (<http://www.nga.mil/maritime>); however, the following list of announced bilateral charts will only appear in the Notice to Mariners.

NGA bilateral Australian, Canadian, and UK charts announced to date:

Former US Chart No.	Current US Chart No.	Foreign Chart No.	Originally Announced	Later Edition in NTM
14002	14ACO14000	Can. 4023	23/04	
14005	14ACO14001	Can. 4012	23/04	
14009	14ACO14004	Can. 4015	23/04	
14009	14ACO14006	Can. 4016	23/04	
14009	14ACO14011	Can. 4047	23/04	
14009	14ACO14012	Can. 4002	29/04	
14009	14ACO14013	Can. 4013	29/04	
14009	14ACO14015	Can. 4045	29/04	
14014	14ACO14013	Can. 4013	29/04	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XHA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	

## SECTION III

NM 48/08

14067	14XHA14032	Can. 4209	47/05	
14068	14XHA14032	Can. 4209	47/05	
14083	14AHA14036	Can. 4320	45/05	34/07
14085	14AHA14037	Can. 4328	45/05	
14086	14AHA14038	Can. 4381	45/05	
14087	14AHA14039	Can. 4385	46/05	
14088	14AHA14047	Can. 4201	46/05	
14089	14AHA14048	Can. 4202	39/06	
14090	14AHA14049	Can. 4237	6/05	
14091	14AHA14050	Can. 4203	48/06	
14093	14AHA14051	Can. 4236	25/07	
14100	14XHA14052	Can. 4235	25/07	
14100	14XHA14053	Can. 4234	25/07	
14105	14AHA14054	Can. 4321	22/07	
14110	14AHA14055	Can. 4335	22/07	20/08
14111	14AHA14056	Can. 4306	23/07	
14112	14AHA14057	Can. 4307	22/07	20/08
14115	14XCO14058	Can. 4227	29/04	
14121	14XHA14059	Can. 4374	23/07	
14123	14XHA14060	Can. 4375	23/07	
14125	14AHA14064	Can. 4376	22/07	
14128	14AHA14069	Can. 4367	22/07	
14132	14XHA14071	Can. 4277	23/07	
14133	14XHA14072	Can. 4278	23/07	
14134	14XHA14073	Can. 4279	23/07	
14136	14AHA14075	Can. 4266	25/07	
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	11/08
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14162	14BHA14082	Can. 4466	22/07	
14173	14BHA14092	Can. 4460	22/07	
14188	14BHA14094	Can. 4912	31/07	
14189	14BHA14095	Can. 4911	34/07	
14203	14XHA14195	Can. 1431	42/03	11/08
14222	14XHA14211	Can. 1312	40/03	5/08
14253	14ACO14004	Can. 4015	23/04	
14384	14BHA14369	Can. 4865	38/07	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15041	<b>15ACO15007</b>	Can. 4731	41/08	
15044	15XCO15010	Can. 4702	46/07	
15061	15ACO15014	Can. 4732	42/08	
15066	15BHA15016	Can. 4722	22/07	
15072	15BHA15025	Can. 5140	42/08	
15080	15BHA15027	Can. 5023	46/07	
15120	15ACO15030	Can. 4775	31/07	
15160	15ACO15032	Can. 5300	34/08	
15313	15XHA15036	Can. 5640	46/07	
15440	15AHA15037	Can. 5405	33/07	
17008	<b>17ACO17007</b>	Can. 3002	40/08	
17412	<b>17XHA17410</b>	Can. 3890	40/08	
17413	<b>17ACO17411</b>	Can. 3802	42/08	
17414	<b>17BCO17415</b>	Can. 3854	42/08	
17416	<b>17BCO17417</b>	Can. 3853	41/08	

## SECTION III

17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	
17444	17XHA17448	Can. 3955	32/08	
17465	<b>17XHA17451</b>	Can. 3742	41/08	
17495	17ACO17493	Can. 3605	6/07	
17503	17XHA17494	Can. 3540	24/08	
17513	17XHA17497	Can. 3539	8/05	1/08
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	
18402	18BHA18422	Can. 3458	43/08	
18403	18BHA18425	Can. 3447	31/07	
18405	18BHA18426	Can. 3493	25/07	
18406	18BHA18435	Can. 3481	23/07	
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18409	18XHA18438	Can. 3490	40/08	
18412	18XCO18439	Can. 3473	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	3/07
35009	35ACO35004	UK 273	19/04	4/07
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/06
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	49/04
35009	35ACO35014	UK 1407	23/04	27/08
35016	35ACO35015	UK 2635	26/06	10/08
35022	35ACO35017	UK 1128	16/08	32/08
35023	35ACO35018	UK 1129	37/07	
35031	35ACO35019	UK 1127	4/06	6/08
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06
35041	35BHA35025	UK 2567	23/04	4/07
35042	35BHA35027	UK 152	24/04	
35043	35XHA35028	UK 1627	28/04	
35044	35BHA35054	UK 1934	33/04	46/08
35047	35BHA35034	UK 2566	31/04	17/05
35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	27/08
35081	35BHA35035	UK 734	28/04	8/05
35082	35BHA35037	UK 735	31/04	
35083	35BHA35038	UK 737	32/04	20/07
35083	35BHA35039	UK 741	32/04	4/07
35084	35BHA35045	UK 1481	32/04	12/06
35085	35BHA35046	UK 210	32/04	
35086	35BHA35048	UK 736	32/04	

## SECTION III

NM 48/08

35087	35AHA35049	UK 1078	33/04	
35088	35BHA35050	UK 190	28/04	12/06
35099	35AHA35051	UK 1446	33/04	
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	
35103	35BHA35053	UK 1889	33/04	
35120	35ACO35055	UK 115	23/04	10/08
35130	35ACO35056	UK 1942	12/06	
35135	35ACO35057	UK 2249	27/07	
35136	35ACO35058	UK 2250	27/07	
35141	35ACO35059	UK 2162	21/07	
35143	35XCO35061	UK 2568	27/07	6/08
35144	35XCO35062	UK 2584	27/07	
35150	35ACO35063	UK 1119	27/07	
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	
35160	35ACO35066	UK 1233	27/07	
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	
35167	35ACO35069	UK 3298	30/07	
35169	35ACO35071	UK 3281	29/07	
35170	35ACO35072	UK 3282	30/07	
35200	35ACO35001	UK 1954	28/04	4/07
35205	35ACO35073	UK 2720	27/07	6/08
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	6/08
35230	35ACO35078	UK 1794	24/07	10/08
35236	<b>35AHA35079</b>	UK 2207	28/07	
35237	<b>35AHA35089</b>	UK 2208	30/07	
35239	<b>35AHA35090</b>	UK 2210	28/07	
35243	<b>35BHA35091</b>	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	6/08
35247	<b>35AHA35093</b>	UK 1796	28/07	
35248	<b>35BHA35094</b>	UK 2209	38/07	
35250	35BHA35095	UK 2540	29/07	7/08
35255	<b>35AHA35096</b>	UK 2171	30/07	
35256	35AHA35097	UK 2390	24/07	
35257	35AHA35098	UK 2389	28/07	
35258	<b>35BHA35102</b>	UK 2498	24/07	
35260	35ACO35104	UK 2722	27/07	7/08
35264	35AHA35105	UK 2372	29/07	
35265	<b>35ACO35106</b>	UK 1778	27/07	
35266	35AHA35107	UK 2380	21/07	
35268	35AHA35108	UK 2379	38/07	
35270	<b>35AHA35109</b>	UK 2169	29/07	
35272	35ACO35110	UK 1770	12/07	
35275	35BHA35111	UK 2387	38/07	
35276	35BHA35112	UK 2386	20/07	
35277	35BHA35113	UK 2326	22/06	7/08
35278	35BHA35114	UK 2343	4/06	
35279	35BHA35115	UK 2397	29/06	
35295	35BHA35116	UK 2481	22/06	
35296	35BHA35117	UK 2396	25/06	
35298	35BHA35118	UK 2168	7/07	
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	
35301	35XHA35122	UK 2811	4/06	

## SECTION III

35302	35ACO35123	UK 2798	46/05	
35305	35ACO35125	UK 2475	5/06	46/08
35307	35ACO35126	UK 2199	5/06	
35308	35ACO35127	UK 2198	25/06	
35310	35ACO35128	UK 2725	27/06	
35330	35ACO35129	UK 2420	5/06	
35350	35ACO35131	UK 2173	12/07	
35363	35XHA35132	UK 1547	5/07	
35364	35XHA35133	UK 1548	11/07	
35365	35XHA35134	UK 1819	5/06	5/07
35369	<b>35XHA35137</b>	UK 1549	46/05	
35380	35ACO35138	UK 2254	30/06	
35390	35ACO35139	UK 2423	22/06	
35400	35ACO35140	UK 2424	5/06	
35402	35XHA35145	UK 1838	5/07	
35405	35XHA35146	UK 1840	9/07	
35420	35ACO35147	UK 2049	18/06	
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	
35424	35AHA35151	UK 1765	46/05	
35011	35XCO35172	UK 219	8/08	
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36046	36BHA36003	UK 1973	6/07	
36060	36ACO36006	UK 1141	12/07	
36061	<b>36BHA36007</b>	UK 1468	20/07	
36062	<b>36BHA36008</b>	UK 1415	4/06	
36063	36BHA36009	UK 1447	12/07	
36081	36BHA36011	UK 1753	7/07	
36098	36AHA36012	UK 2221	47/05	
36102	36BHA36013	UK 1864	8/06	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	
36108	36BHA36018	UK 2000	4/06	
36110	36BHA36019	UK 2007	8/06	
36115	36BHA36020	UK 1994	3/07	
36116	36AHA36021	UK 1867	23/05	
36117	36BHA36022	UK 1907	11/07	
36118	36BHA36023	UK 2383	25/06	
36119	36BHA36024	UK 2491	4/06	
36120	36ACO36025	UK 1826	13/07	
36122	36XCO36026	UK 1977	4/06	
36123	36BHA36027	UK 1978	4/06	16/08
36124	36BHA36028	UK 1951	15/06	16/08
36125	36BHA36029	UK 3490	4/06	
36127	36BHA36030	UK 3746	32/06	
36128	36BHA36030	UK 3746	32/06	
36129	36BHA36031	UK 3478	23/06	
36137	36AHA36032	UK 1478	39/04	
36138	36AHA36033	UK 3275	39/04	9/05
36139	36BHA36034	UK 3274	39/04	9/05
36140	36ACO36035	UK 1178	39/04	
36141	36BHA36036	UK 2878	41/04	9/05
36142	36XHA36037	UK 1076	49/04	
36143	36BHA36038	UK 1161	52/04	

## SECTION III

NM 48/08

36161	36BHA36039	UK 1152	52/04	
36162	36BHA36041	UK 1182	1/05	
36163	36BHA36042	UK 1176	1/05	
36164	36BHA36043	UK 1859	14/05	5/07
36165	36BHA36044	UK 1165	17/05	52/06
36167	36BHA36045	UK 1164	17/05	
36167	36BHA36047	UK 1160	17/05	
36180	36ACO36049	UK 2565	27/05	
36181	36XHA36051	UK 777	27/05	
36182	36ACO36052	UK 1148	23/05	
36173	36BHA36048	UK 1156	19/05	
37041	37BHA37001	UK 154	25/05	
37042	37BHA37002	UK 32	25/05	
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	10/08
37045	37AHA37006	UK 1901	25/05	20/07
37046	37AHA37007	UK 1613	34/05	18/06
37047	37XHA37008	UK 1902	25/05	27/08
37048	37AHA37009	UK 31	35/05	
37060	36ACO36050	UK 442	25/05	
37061	37XHA37011	UK 3315	24/05	
37063	37BHA37012	UK 2615	35/05	18/06
37064	37BHA37013	UK 2255	27/05	
37065	37BHA37014	UK 2268	14/05	
37075	37ACO37015	UK 2454	25/08	
37079	37AHA37016	UK 2625	32/05	4/06
37081	37AHA37017	UK 2045	32/05	4/06
37082	37BHA37018	UK 2035	31/05	5/07
37083	37AHA37019	UK 2037	25/05	38/08
37084	37AHA37020	UK 2036	5/06	38/08
37086	37AHA37021	UK 2631	31/05	16/08
37087	37BHA37091	UK 2038	26/08	
37088	37BHA37022	UK 2041	37/05	47/06
37089	37BHA37023	UK 1652	5/06	
37101	37XHA37026	UK 536	40/05	
37119	37AHA37027	UK 1698	8/06	
37122	37AHA37028	UK 1828	19/05	
37124	37AHA37029	UK 1991	31/05	
37133	37AHA37030	UK 1834	28/04	21/06
37134	37BHA37031	UK 1835	34/04	5/07
37136	37AHA37035	UK 1186	34/04	19/05
37137	37AHA37036	UK 2151	34/04	5/07
37138	37AHA37037	UK 3337	34/04	17/06
37138	37BHA37038	UK 2484	34/04	26/08
37139	37BHA37039	UK 1606	36/04	7/07
37141	37AHA37040	UK 1607	9/05	5/07
37145	37AHA37051	UK 1185	37/04	
37147	37BHA37052	UK 1975	36/04	7/08
37148	37BHA37053	UK 2052	43/04	7/08
37149	37BHA37054	UK 1491	37/04	
37150	37ACO37055	UK 1504	37/04	17/05
37161	37BHA37056	UK 1543	37/04	17/06
37170	37ACO37057	UK 1503	38/04	8/08
37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	10/05
37182	37AHA37062	UK 109	38/04	2/07
37183	37BHA37066	UK 1188	6/05	16/08

## SECTION III

37184	37BHA37067	UK 3497	10/05	
74017	74AHA74001	Aus. 58	45/06	
74071	74BHA74072	Aus. 615	35/07	
74071	74BHA74073	Aus. 616	35/07	
74071	74BHA74074	Aus. 617	35/07	
74141	74XHA74142	Aus. 618	35/07	
74141	74XHA74143	Aus. 610	35/07	
74151	74BCO74386	Aus. 209	15/07	
74151	74AHA74154	Aus. 809	12/07	
74152	74BHA74150	Aus. 208	8/07	
74153	74BHA74155	Aus. 207	8/07	
74162	74ACO74019	Aus. 219	12/07	
74162	74BCO74163	Aus. 811	13/07	
74162	74BCO74164	Aus. 810	13/07	
74183	74AHA74180	Aus. 237	9/07	
74186	74AHA74189	Aus. 238	47/05	
74192	74BHA74213	Aus. 818	9/07	
74201	74BHA74199	Aus. 246	8/07	
74202	74BHA74208	Aus. 247	13/07	
74204	74BHA74209	Aus. 819	14/07	
74206	74AHA74212	Aus. 244	15/07	
74210	74BCO74245	Aus. 820	13/07	
74221	74BCO74227	Aus. 821	11/07	
74229	74BHA74226	Aus. 250	13/07	
74229	74BCO74246	Aus. 824	16/08	
74229	74BCO74247	Aus. 249	16/08	
74231	74BHA74225	Aus. 268	13/07	
74231	74BHA74226	Aus. 250	13/07	
74232	74BHA74216	Aus. 256	10/07	
74234	74BHA74237	Aus. 257	11/07	
74253	74BCO74262	Aus. 830	13/07	
74271	74BCO74275	Aus. 833	18/07	
74271	74BCO74276	Aus. 270	4/07	
74271	74BCO74277	Aus. 280	35/07	
74272	74BHA74267	Aus. 834	13/07	
74287	74BHA74279	Aus. 289	52/06	
74293	74ACO74311	Aus. 839	12/06	
74294	74BCO74300	Aus. 292	47/05	
74294	74ACO74311	Aus. 839	12/06	
74310	74BCO74395	Aus. 302	18/07	
74320	74BCO74312	Aus. 6	42/06	
74320	74BCO74313	Aus. 303	18/07	
74330	74BCO74387	Aus. 304	52/06	
74340	74BCO74384	Aus. 305	35/07	
74350	74BCO74383	Aus. 306	35/07	43/08
74391	74BHA74341	Aus. 18	13/07	
74391	74BHA74390	Aus. 720	35/07	
74391	74BHA74396	Aus. 721	35/07	
74393	74BHA74397	Aus. 26	47/06	
74393	74BHA74399	Aus. 29	45/06	
74394	74BHA74397	Aus. 26	47/06	
74415	74BHA74343	Aus. 32	48/06	
74415	74ACO74416	Aus. 726	35/07	
74430	74ACO74431	Aus. 315	22/08	48/08
74450	74ACO74451	Aus. 319	34/07	48/08
74494	74BHA74496	Aus. 54	47/06	
74521	75AHA75147	Aus. 744	19/06	

**SECTION III****NM 48/08**

74555	74ACO74593	Aus. 334	34/07	
74581	74AHA74585	Aus. 112	18/07	
74591	74BHA74589	Aus. 115	48/06	
75001	74BHA74346	Aus. 119	49/06	
75010	75ACO75111	Aus. 341	36/07	
75010	75ACO75114	Aus. 342	36/07	
75110	75ACO75111	Aus. 341	36/07	
75120	75ACO75114	Aus. 342	36/07	
75131	75BHA75119	Aus. 134	17/07	
75132	75BHA75137	Aus. 137	19/06	42/08
75144	75BHA75146	Aus. 344	47/05	
75171	75AHA75165	Aus. 143	21/06	20/08
75171	75AHA75174	Aus. 158	18/06	
75172	75XHA75163	Aus. 151	14/06	
75172	75XHA75162	Aus. 152	14/06	
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	25/08
75241	75BCO75255	Aus. 192	13/07	
75261	75AHA75274	Aus. 808	11/07	
75262	75BHA75273	Aus. 195	11/07	25/08
75263	75BHA75271	Aus. 198	17/07	
75263	75BHA75272	Aus. 199	17/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	
75265	75AHA75266	Aus. 197	17/07	

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

# **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Email address \_\_\_\_\_

Date of Observation \_\_\_\_\_ Time of Observation (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

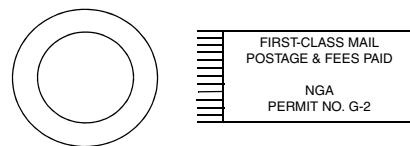
Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

User Feedback (continue on additional sheets as necessary)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**MARITIME DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**



## ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer \_\_\_\_\_

Ship/Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email Address\_\_\_\_\_

Describe Hazard (e.g. dredge, buoy, current meter, operations): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Is hazard remotely monitored? Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, list Internet URL where most recent position will be posted (if any): \_\_\_\_\_

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): \_\_\_\_\_

Date of Insertion \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Date of Expected Removal \_\_\_\_\_

Most Recent Observation: Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_

Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

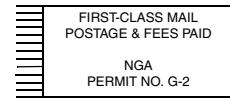
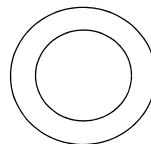
Details of Information Reported (continue on additional sheets as necessary): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



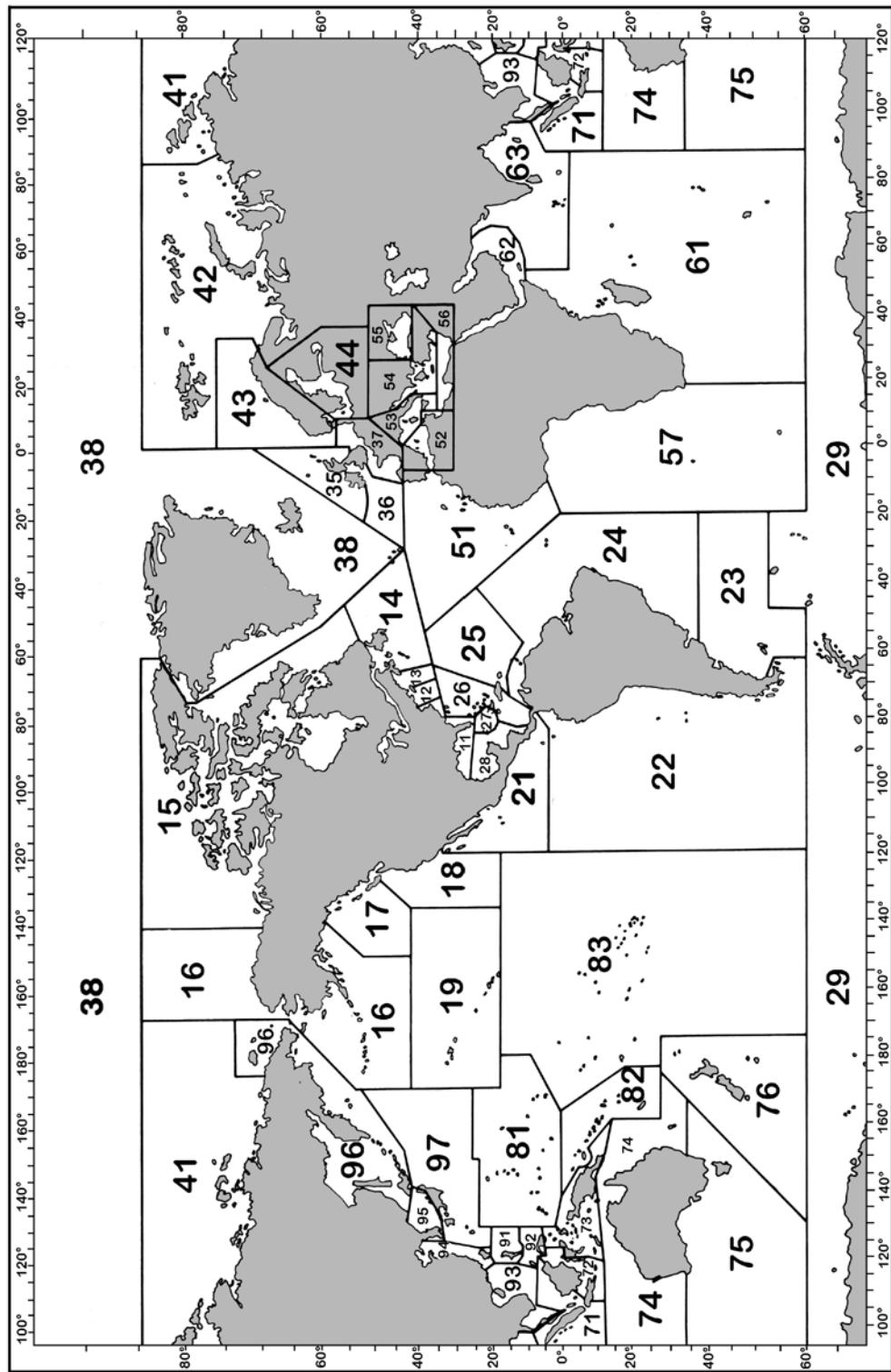
---

**MARITIME DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

---



## GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA/DLIS Catalog of Maps Charts and Related Products. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME—DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**